

LEHIGH ALUMNI BULLETIN



NORTH WING OF MEMORIAL BUILDING

Wings are under roof. Tower still to be finished

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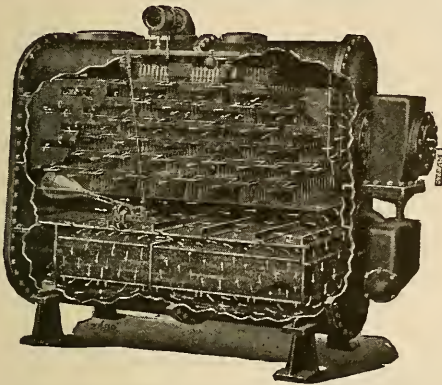
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ALUMNI BULLETIN

OF

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VOLUME 11

OCTOBER, 1923

NUMBER 1

THE ENDOWMENT CAMPAIGN

Organization Work Finished—Intensive Drive Under Way

The opening of Lehigh's drive for \$4,000,000 new endowment was signalized by a score of dinners throughout the country on the night of October fifth. Founder's Day—October 6—saw the campaign start, and it is now being pushed by a nation-wide organization.

This organization required six months of hard work to create just as six months were required for preliminary study and planning. In short, it was on Founder's Day, 1922, that the first step was taken towards bringing into being this splendid Lehigh machine that is functioning today.

It has meant a lot of hustling for a few men to build the machine, plan the publicity and start the drive. Now, however, while the labors of the National and District Committees are not lightened, they have the aid and cooperation of at least a thousand other Lehigh men who are throwing themselves into the breach created by these pioneers, sappers and miners, and are vigorously assaulting the citadel of the Nation's Pocketbook. And the encouraging feature is that the defenders of said Pocketbook are welcoming the attack and opening wide the inner gates of the citadel.

The most remarkable thing about this campaign has been the attitude of mind in regard to it by the entire alumni body. There has not been a single objection raised to it by any of the hundreds of men we asked to work on national or district committees. With a very few exceptions, they consented readily and enthusiastically to play their part and even the ones who failed us had valid excuses and expressed approval of the campaign, and seemed to really regret their inability to serve.

Organization

After the campaign was formally approved at the Alumni Meeting in June, the work of organization, which had previously been fully planned, was pushed rapidly.

Most of our alumni body is located east of the Mississippi and north of Washington. This section, as you will note from the list of district chairmen, given at the end of this article, was divided into districts conforming as nearly as possible with existing Alumni clubs. The balance of the country was organized along state lines and three foreign districts—Europe, China and Cuba—were formed. The number of Lehigh men with addresses in each of these districts were carefully counted and the Quota and Estimate Committee, headed by Aubrey Weymouth, '94, worked out quotas for every district, based on a reasonable average of giving per graduate (less than the \$1000 it had cost the University to educate him) and a much lower average for non-graduates, it being recognized that the advantages received by them from the University covered a shorter period. These quotas were thoroughly discussed at a meeting of district chairmen held in Philadelphia on September 27, and after some few changes, were accepted by the districts.

Meanwhile the district chairmen, with their vice-chairmen, were creating executive committees, which committees in turn aided in creating canvassing committees to whom were assigned the various Lehigh men in the district for active canvass when the campaign opened. The names of these men were carefully studied and cards filled out giving as fully as possible all the information obtainable about each man. The degree of thoroughness with which this was done varied in the different districts, but on the whole it was well done.

The Big Donors Committee, headed by Frank R. Dravo, '87, devoted itself during the summer to obtaining from every source possible names of men or women of means who might be possible givers to an educational program such as was outlined for Lehigh by Dr. Richards. These names all

went on our mailing lists to receive all Lehigh literature so that ground would be broken for the canvasser when he made his approach later on.

The National Advisory Committee was organized by Mr. C. M. Schwab, and consists, as you will see by consulting the list given farther on in this article, of men of national reputation. That this committee will be of very real aid there can be no doubt and we greatly appreciate their willingness to serve, which in itself is an endorsement of the purpose of our campaign, most valuable in our approach to outside givers.

Publicity

It was a moot question from the start as to what form our publicity should take. Of course we recognized the value of every notice about Lehigh we could get in the public press, and under the direction of A. E. Buchanan, Jr., '18, Assistant Alumni Secretary, aided at different times by publicity men from the John Price Jones Corporation, every possible bit of news about the University or anyone connected with it, was dug up and sent out. A press clipping bureau was employed to send in clippings and before the summer was over more than a thousand clippings appeared in our scrap book.

However, our real problem was the form of our pamphlet publicity. This was given much study and thought by W. C. Dickerman, '96, Executive Chairman of the Campaign, and after numerous conferences it was decided upon. It consisted, as most of you know by this time, of the following schedule of pamphlets sent out to every Lehigh man and to all the outside names which were available. Certain pamphlets were sent to special lists. For instance, "Steel and Research," by E. G. Grace, '99, was sent to the Executives of all the steel companies in the country. The list and order of mailing was as follows:

- Dr. Richards' Report, June 1.
- June ALUMNI BULLETIN, June 30.
- "It Can Be Done," July 15.
- "Steel and Research," August 1.
(Lehigh Leaflet No. 1)
- "Brains" August 15.
- "Monuments," September 1.
- "A Scholar and Aluminum," September 15.
(Lehigh Leaflet No. 2)
- "LEHIGH—A Leader and Creator of Leaders," October 1.
- "Yesterday, Today and Tomorrow," October 8.

More publicity in this form will be forthcoming. In fact, an article on Anthracite Coal, by A. C. Dodson, '00, (Lehigh Leaflet No. 3,) may be in your hands before you

receive this issue of the BULLETIN. We expect to continue the publication of these leaflets regularly, hoping they may eventually grow into research bulletins.

The Preliminary Campaign

The machine being ready, the publicity written, it was time to step on the gas. Acting on a suggestion by H. H. McClintic, '88, we asked E. G. Grace, Honorary Chairman of the Joint Endowment Committee, to give a dinner in New York on September 20. To this dinner were invited the members of the Endowment Committee, the members of the Board of Trustees, and a few other alumni who were interested deeply in the success of the campaign. Less than thirty sat around the table, many of them men of very moderate means. Yet when it was proposed that each man name his subscription, the response was remarkable for its exhibition of generosity and sacrifice. A total of eight hundred thousand dollars was subscribed, which was an average of about \$30,000 per man. This one meeting secured almost twice as much as was needed to win the conditional gifts of the Rockefeller and Carnegie Foundations, and when they rose from the table it was with the pleasant consciousness that one-third of our \$4,000,000 was already assured.

Lehigh Radio Night

Of course I want to say something about this, the biggest stunt Lehigh has ever tried to pull off. But just consider my difficulty. This is September 30, and the dinner don't come off until October 5. Suppose after I write an effusive article the blame thing flivvers, and we don't get good results. That would be an awful flareback. So I will temper my enthusiasm and won't toot any horn until I am sure there is something to toot about.

However, the inception and arrangement for this dinner are in themselves considerable in the way of accomplishment. Tying up five broadcasting stations in New York, Philadelphia, Pittsburgh, Chicago and South Dartmouth, Mass., arranging for a score of dinners equipped with receiving sets, putting on a program in the New York Studio of American Telephone and Telegraph Company featuring the Lehigh University Band, the Lehigh Glee Club, the Lehigh "Six", a jazz orchestra, Johnny Opdycke, the "Al Jolson of Lehigh," Mary Mellish, soprano, and Richard Crookes, tenor, of the Metropolitan Opera Company, tying up the studio by wire to Loretto in western Pennsylvania, so Mr. Schwab could give his speech, etc., etc., etc., was quite some job to accomplish in less than three

weeks. Without Morton Sultz, '12, it could not have been done. But he was not the only one who helped materially. George Baker, '07, secured the Westinghouse stations in Pittsburgh and Chicago; R. H. Morris, '89, secured the Wanamaker station in Philadelphia; J. B. Redding, '99, Sales Mgr., Western Electric Co., aided the clubs to secure free the proper receiving sets; Norman Merriman, '05, got the Metropolitan stars and did much in arranging the program; Edgar Shields, organist in Packer Memorial Chapel, trained the band and glee club; every chairman did yeoman work in arranging the dinner, assisted by the club officers and other local Lehigh men. It was a big job and too much credit cannot be given to the men whose hard work makes it look like big success.

It is interesting to note that in far-off New Orleans Bob Wolcott, '18, has arranged a dinner at the St. Charles. In Denver, R. J. Gilmore, '07, has called the Colorado Lehigh men to meet at the Hotel Metropole. Bob Rhea, '08, sick in bed at Colorado Springs, has a big receiving set he expects to tune in on Chicago and hear the whole program. Every chairman has had notice and through him each man in the district should receive notification, so that if they cannot attend one of the dinners held in every city where there is a Lehigh Club, they can at least listen in on their own or a friend's radio.

And now my story's done. The stage is set, the actors made up, the plot is good, the lines are clever and all we have to do is put over the big climax in the third act—you know, where the character called "Alumnus" presents the character called "Lehigh" with the bag of gold.

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J. C. Whitmoyer, So. Woodville, St. Margaret's Rd., Bowdon, Cheshire, England.

HOW OUR ALMA MATER SONG WAS WRITTEN

Some fifty Lehigh friends of "Cully" Daboll, '96, surprised him with letter of congratulation on his birthday in August. In answering one from J. J. Gibson, Daboll referred to some "ancient history"—"My vivid recollection of a 'Burr' Board meeting when 'Pop' Bray jumped on Gibson for not getting in a new song as he had promised. He promised again, and George Rodney later told me that Gibson

ground out the verses, after a slow start, to considerable cussing and growling at Bray. But the Alma Mater was the result."

Gibson himself recalls the circumstances in an interesting letter which is decidedly worth quoting:

"I recall indeed what a terrible task it was for me to grind out those verses. At the time I was not sufficiently proud of them to put my name on them when they were printed in the 'Burr.' For many years no one knew who wrote these words. Ten years after we graduated I went back for the first time to a football game. I was with a crowd of Alumni, all of whom belonged to my fraternity and whom I knew very well. Between the halves the student body stood up and sang this Alma Mater song. Naturally, I was very much affected by the incident, and, really, tears came to my eyes. One of my fraternity brothers, noticing this, said to me, 'Is it as rotten as all that?' and I replied, 'Yes, I wrote it.' He was very much surprised, and shortly thereafter, on account of a typographical error in the printing of the verses, I called Dr. Drinker's attention to the error, and the fact came out that I was the guilty party."

REGISTRATION BY CLASSES AND CURRICULA October 1, 1923 With Comparative Figures for October, 1922

	Graduate		Senior		Junior		Sophomore		Freshman		Special		Total	
	'22	'23	'22	'23	'22	'23	'22	'23	'22	'23	'22	'23	'22	'23
B.A.	2	...	21	35	37	34	28	38	48	64	4	1	140	172
Bus. ....	...	...	20	20	35	36	41	64	83	71	6	4	185	195
Ch.E. ....	...	...	21	16	20	33	34	19	21	29	1	...	97	97
Chem. ....	...	...	...	2	1	1	1	1	3	1	...	1	5	6
C.E.	2	...	33	22	23	21	22	33	30	42	...	...	110	118
E.E. ....	...	...	35	28	28	26	27	53	65	53	2	2	157	162
M.E. ....	...	...	27	31	25	28	26	41	48	49	1	1	127	150
Met.	1	1	12	10	13	10	11	3	4	14	1	1	42	39
E.M.	2	1	24	28	27	20	26	18	18	19	1	2	98	88
N.E. ....	...	1	6	6	5	5	8	2	6	6	...	...	25	20
Phys. Eng. ....	...	...	...	...	...	2	...	1	...	...	...	...	...	3
B.A. and M.E. ....	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Totals	7	3	199	199	214	216	224	273	326	348	16	12	986	1051

Editor's Note.—The largest previous registration in Lehigh's history was 1052. This has been slightly exceeded as five men have registered since this table was compiled two days ago.

CLASS GUARANTEE PLAN

On the opposite page is the final score for last year. Ane glance at it will show the remarkable success of this new plan for class work. Of the forty classes (1883 to 1922, inclusive) which entered this contest, twenty reached or passed the goal and only four failed to reach at least 50%. To be quite frank, in not one of these four classes was a real, organized effort made. In some of the cases where classes fell short of the 75% which was being striven for the failure was entire-ly due to the late start made. The result for the year indicates, beyond a shadow of a doubt that the plan is feasible, and by the end of the present collegiate year we can safely expect to see practically all our classes in the winning column.

The plan, as practically everyone knows by this time, is to have the classes guar-antee the dues and BULLETIN subscrip-tions of all their members and in return the Association gives the class a special rate equal to 75% of the individual rate for dues and subscriptions. Thus, if a class succeeds in getting more than 75% of its members to pay up, the class treas-ury benefits by every payment received after this goal is attained. During the past year 13 classes earned refunds amounting in all to \$629.25. The Asso-ciation has sent checks to such Classes as have designated the class officer to whom the check is to be made payable, and will remit to the other classes which have passed 75% (see table opposite) upon receipt of advice from the Guarantee Fund chairman as to whom the check is to be sent. There is no reason why every class should not have a good sized re-fund each year and in consequence have the money ready for a big reunion splurge every five years, thus avoiding the neces-sity for assessments for reunion expenses.

THIS YEAR'S PROCEDURE

Now prick up your ears or rather open your eyes, you chairmen. Here is the dope for this year.

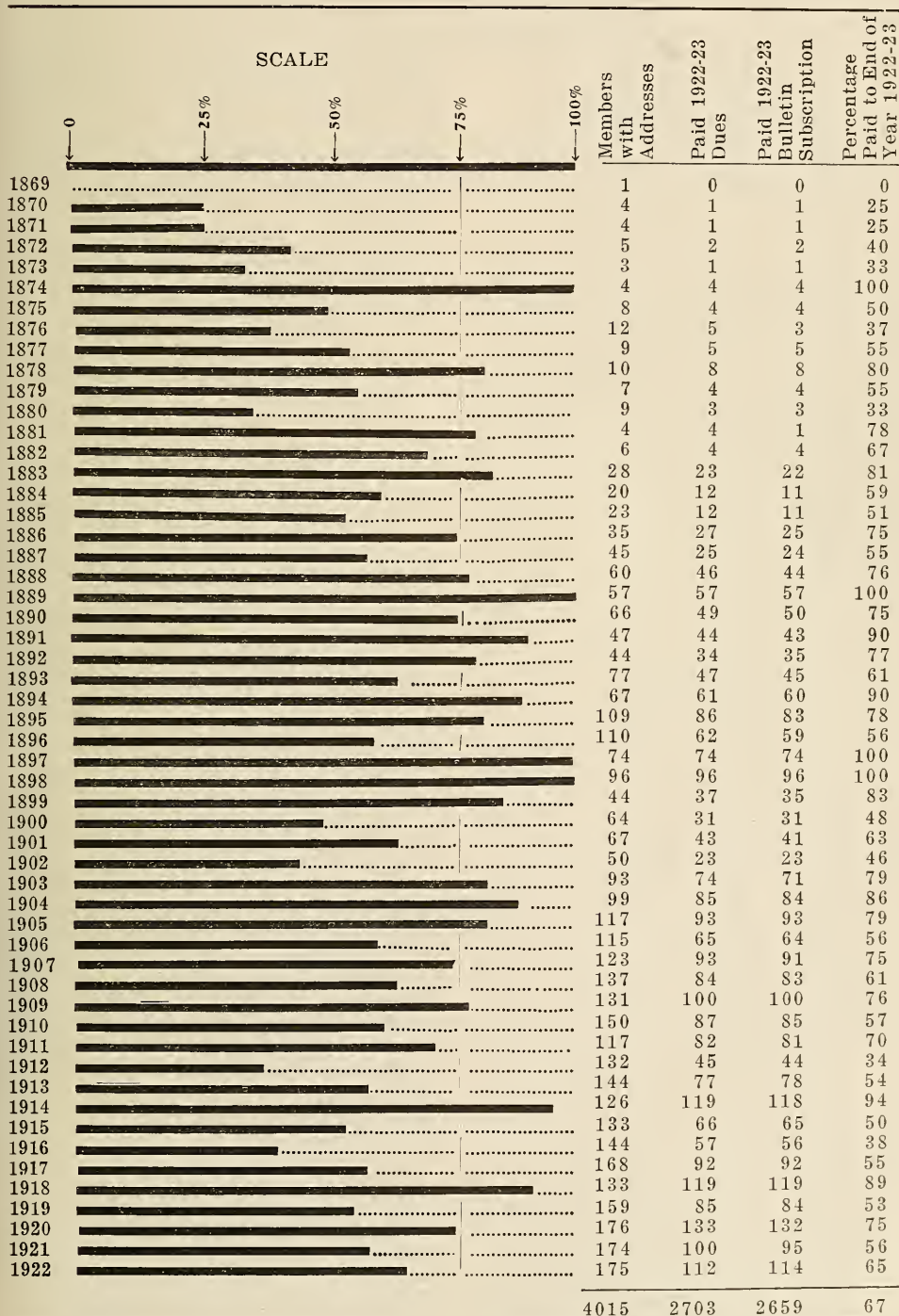
First.—No work need be done by the classes until January, 1924. The Asso-ciation has billed every man on your class roll for this year's dues and BULLETIN subscription and will continue to bill him regularly for the next several months. By January first we should have received the dues of practically all of the regular active members, and these will be credit-ed to each class and percentage tables published each month. In January we will send you a class list showing the most recent addresses for all your mem-bers and indicated thereon will be the men who have paid. Your job will then be to get after the delinquents and make a real attempt to secure 100% active

membership. Working it in this manner eliminates a lot of the lost motion we had last year and also the friction due to class committees writing to men who had always been regular in their payments, but who overlooked the single statement of dues sent them at the beginning of our fiscal year. By concentrating your effort on the ones who need a little prodding your work will not only be greatly less-ened but much more effective.

In the new Alumni Directory, which has been sent to every former Lehigh student for whom we have an address, you will find on pages 233 to 267, inclu-sive, the official lists for each class, con-taining the names of only such men as the class considers as properly belonging on its rolls. Of course this is flexible and names will be added or taken from each roll in accordance with the expressed wishes of the class. Each class is now carrying men who they hope to awaken to an interest in the class and in Lehigh. In some cases this will prove impossible and the class may finally drop such men. Also there are a number of men each year whose interest in Lehigh revives after be-ing dormant for years. Their classes will be only too glad to restore their names. The big problem in these class lists, how-ever, is to find the men whose addresses are missing. There are almost 700 of these, and here is a fruitful field for class work. Many of these "lost sheep" will doubtless be found by the canvassing committees in the endowment campaign this fall. But each class, and in fact every interested Lehigh man, should help in locating them. In order to give the work a start we are publishing this month under "Personals" the names of the men on each official class list for whom we have no address. You will find them each time in a paragraph headed "LOST".

After January 1, 1924, no more bills will be sent by the Alumni Association for current dues and BULLETIN subscrip-tion. It will be up to each class to bill its delinquent members and COLLECT the money. As this money is collected it is to be remitted to the Treasurer of the Alumni Association, J. A. Frick, '03, Drown Hall, Bethlehem, Pa., and the in-dividuals making these payments will receive the proper credit on their ledger cards. After a class reaches 75% all sub-sequent payments by members will be credited also to the class account. There's the whole story. Questions, please.

CLASS GUARANTEE PLAN STANDING OF CLASSES AT END FISCAL YEAR 1922-1923



"SAUERKRAUT AND KINKS"

*"The time has come, the walrus said,
To talk of many things,
Of shoes—and ships—and sealing wax—
Of cabbages and kings."*

Treser & Treser

Successors to George B. Zahniser
CIVIL AND MINING ENGINEERING
CITY LOT AND FARM SURVEYS
Glendenin Building
New Castle, Pa.

July 5, 1923.

Mr. Walter Okeson,
Alumni Secretary, Lehigh University,
Bethlehem, Pa.

ATTENTION: "THE BIGGEST LIAR IN PENNSYLVANIA."

Dear Okie:

I would appreciate very much to obtain some important information which you and your much esteemed records can yield. I hesitate, however, to ask such a personal favor, but need's must.

I notice in your very accurate report for the last year to the Association that you include the name of Albert P. Treser, '18, as one of the number of Lehigh men who have "passed into the Great Beyond" because they have finished their work on this terrestrial sphere. The information I would like to have is a precise account of the whole sad affair, including the time, place and manner, i.e., whether natural, accidental or by request, concerning his demise. I believe I am the one most vitally interested, and if I am to be dead I really think you at least owe me the courtesy to notify me personally, so that I might act accordingly. I will admit that I have been dead theoretically in that I have neglected my class dues, but damn it, here is a case where theory and practice do not jibe; so to hell with the theory. As for my work being "completed", why, we have just started and I don't propose to have you nor anyone else consign me to a premature grave. Now I can appreciate Mark Twain's feelings when he remarked that the reports of his death were slightly exaggerated. In this case they are decidedly so.

I wish you would thank all the Alumni and Faculty for the courtesy they have paid me by standing while my name was read. There is a lot of kick to that. To have such a distinguished audience standing at attention for me repays for all the times I have had to salute a dumb shave-tail.

I believe you will find the error occurred through my writing you concerning the death of G. B. Zahniser, whose name did not appear. If you will make such corrections in your records as are necessary we will both be better satisfied. I hope that you will give me the opportunity of coming back to life again, for there is some work we have to do, and it might be unpleasant to have a dead man hanging around. We are staking out a viaduct job now which will cost a million and a half dollars to complete and really it takes a live man to do it, but if you are bound to keep me dead I will resign.

I am enclosing a check for five dollars which I believe was the last bill I received about dues, so while you are taking me out of the dead column, take me out of the dead-head one also.

Yours till death doth us part,

A. P. TRESER, '18.
July 10, 1923.

Mr. Albert P. Treser,
Glendenin Building,
New Castle, Penna.

My dear Treser:

ATTENTION: "THE FUNNIEST DEAD MAN IN
"PENNSYLVANIA."

Your letter was a peach, and everybody in the office has had a good laugh at it and me. Now I want your permission to publish it in the BULLETIN, so that everybody else can laugh and grow fat.

Of course, it is easy enough to see how I made the mistake. When I hurriedly compiled the list of deaths during the past year to include in my report, I simply looked through the various BUL-

LETINS and scribbled down the names as they appeared at the beginning of each death notice. In the case of Zahniser's obituary, it started something like this: "A. P. Treser writes me that, etc." Being in a hurry, I failed to look any farther than your name, and simply scribbled it down with the rest. I am sorry of course that we failed to get Zahniser's name properly recorded in the report, but it was worth a dozen mistakes to get your letter. Generally, when we make a slip of this kind, the fellow involved gets mad and makes a vigorous attempt to take the hide right off of us. Then we apologize abjectly and wonder if the world is losing all of its sense of humor, but when we get a letter like yours, the whole office chortles, for the letter is passed around for everyone to read.

Of course, I want to thank you for your check for \$5.00, which proves that even mistakes have their value in this world.

Cordially yours,

WALTER R. OKESON,
Executive Secretary.

A Breeze From California

Santa Monica, Cal., July 9, 1923.

Dear Okie:

Who comes blowing into my dump last night but Jake Spillsbury, who seems to be commuting regularly between Tucson, Arizona, and L. A. I've seen Jake before on his trips this way; but last night he leads me out to the curb under the dark of a big palm tree, saying "I want you to meet some friends of mine."

So I put out a flipper and all of a sudden find myself shaking hands with my old side kick "Grap" Hendricks, '05. Hot dam, Okie! Some '05 reunion right there! Spelly says it's the biggest Lehigh reunion he's attended since he started to carry the lamp of eastern culture to Costa Rica, Mexico, Arizona and other uncivilized regions. Grap's brother Rush was with him. Rush wasn't a Lehigh man, but let me here state that the loss is Lehigh's as well as Rush's. He's a regular. Been in California seven years—so he's lost. But he's a great help to any celebration.

The California Lehigh Metallurgical Itinerants immediately forwarded a letter to C. B. White, '05, protesting his incumbency as president of the New York Metal Exchange on the ground of spiritual unfitness and because spelter and copper have both dropped unaccountably since he assumed his latest honor. Aside from this no routine business was enacted, the remainder of an all too short evening being spent in discussing a famous tennis game once played by Hendricks and Casey Ryan, in which both athletes wore a plug hat and carried a torch.

Dick Senior, '07, or thereabout, pushed the door-bell a couple months ago, and Clarence Bishop, '11, also came dripping to the door one squashy afternoon last rain season, to sit a while and cuss Lafayette and California.

They tell me if you hang out in California long enough you see everybody you ever knew. Looks like it, the way the Lehigh representatives keep passin' through.

Write some day when you can safely prophesy that we'll lick Lafayette the next fall.

SHINE.

1437 Ocean Ave., Santa Monica, Cal.

P.S.—Note that Bill Person, '05, announces that he enters the field as By Product Coke Oven and Combustion Engineer. Office at Ashland, Ky.

Give him a note, and a hope that he makes a million dollars by Thanksgiving Day. Any Lehigh man who remembers Bill busting through the entire U. of P. team and trying to run away from them with a pair of broken legs will join you in that hope.

SHINE.

COLLEGE AND ALUMNI NEWS

FOOTBALL

Prospects Bright For Winning Team

In the six years I have been at Lehigh, I have seen no material to compare with that which I have been watching perform on Taylor Field for the past week. Experience, weight and speed, the three needful qualities, are all present, and, best of all, there are several good men for every position. The combination of the return of most of last year's team plus a splendid group of players in the Freshman class accounts for this most satisfactory condition. In addition several players of promise in the upper classes have reported who were not out for the team last year.

Let's Look Them Over

Take a jaunt down to the field with me, old man, scrape together your football lore and size them up. See that squad there. Every man a regular or substitute last year except one, Milt Roth, the regular center two years ago. Roth keeled over in a faint the first week of practice last year, was examined and found to have a slight heart murmur. A visit to the dentist left Milt shy several teeth and also the heart trouble, but we decided he had better lay off for one season to be on the safe side. Now he is back, bigger and better than ever. A finished center rush, clever at passing, strong on defense and a hard charging lineman on offense. "Who are those two whales at guard?" Bill Hoffman, a Senior, and Red Hendershott, a Junior, friend, and take it from me, they know their job. You saw them down at Lafayette last year and I don't have to tell you that they can play. Standing back there are Lewis and Yeager, just as big—first string substitutes last year. "Who's the chap at tackle, tossing that black mane of hair out of his eyes and charging like a wild bull?" That, my simple minded friend, is Captain Bill Springsteen, who played center last year and who did range over Marsh Field on November 23 last just like a wild bull. For further information, page any Lafayette man. Bill played tackle in his freshman and sophomore years, so it's no new job to him. The other tackle is Merrill. Only a sophomore it is true, and therefore with but one year's experience of college football. But watch him, boy, and you will see a clever, smooth working tackle, who proved his sterling worth in every hard-fought game last year. Only one experienced substitute for this position, McGoldrick, but he's a fighter and it will be hard to keep him off the team if he sticks to his new slogan, "No Conversation." "Gee! see that boy cop that forward pass!" That's Ted Burke, a regular end on last year's team, and on the other end is another letterman, "Dixie" Walker. No first string

substitutes for this position among the old men, except Sandford, but there are some likely looking ends on the other squads, so don't worry, but take a look at the back-field.

Back-field Candidates

At quarter is "Honey" Lewin, a sophomore with an educated toe in drop-kicking. All he lacked last year was the confidence that comes with experience plus the attainment of that high position which a sophomore holds on this mundane sphere. I'll miss my guess if he don't "go good" this year. At half back is Jack Storer and "Buddy" Lingle, a junior and senior respectively. Storer is a triple threat man while Lingle has the speed of a deer. Both were out of the game most of last year from injuries, but they were both letter men the previous year. Stevens, Hess and Frauenheim were all first string substitutes last year. Frauenheim is light but fast. Hess is a triple threat man and Stevens is a kicker. "Himmel! See that kid hit the line." That's "Poss" Greer, Lehigh's battering ram for two years past and one of the cleverest men in receiving a forward pass that we have. The big chap standing behind him is Levitz, his understudy. A pair of sterling fullbacks. You saw Greer back up the line against Lafayette last year, so I don't need to tell you what he's like on defense.

Pretty good looking outfit, eh? Nothing particularly frail about them. Don't move like dray-horses either. But whisper! The best thing about them is experience. Lord, how that counts in football. You can talk and teach and practice but the place a man learns football is in the games he plays. So every year of experience should add from twenty-five to fifty per cent. to a man's effectiveness, and don't forget that for eleven of these men it is no new thing to play against Lafayette.

The New Material

Now before we turn to the freshman just take a look at these two juniors. Astarita, that stocky built blonde, was a star quarterback on Asbury Park High before he came here, but due to parental objections he has not come out previously. He has all the earmarks of a quarterback and weighs a lot more than when he entered two years ago. That strapping big fellow is Harmon, captain of the swimming team. He came here from Mercersburg Academy and played on the scrub his freshman year. Last year he did not come out but in spite of that he is already making a strong bid for guard.

With these two men added to the outstanding freshman (and bear in mind it's early yet and there are others no doubt whom time will uncover) let us see if we

can make up a team. Here's Klein, of Allentown Prep, for center; Schultz, of Bethlehem Prep, and Harmon for guards; Evans, of Adelphi Academy in Brooklyn, and Lyttell, of Staunton Military Academy, for tackles; Scott, of Catholic High, and Cannon, of Blair Academy, for ends. Now, that's no slouch of a line. Of course they've got a lot to learn, but they all have the ground-work to make players. Being an old-time end myself, I am especially interested in Cannon. I'll hazard a prediction that unless he's injured you'll see him in the line-up before the season's very old.

In back-field Astarita has a dangerous competitor in Raleigh, of Baltimore City College, holder of the Maryland Lehigh Club Scholarship. Diedrich, of Bethlehem High, is a good offensive half and a sterling man on defense. Hayes, of Choate School, is a triple threat man. And take a look at this chap Jacobs, from Hammonton, N. J., High School, 193 pounds and fast! Crude of course, but barring big head or injuries, one of the sweetest possibilities you'd want to look at. Seems mighty quick on the up-take too. Seeing him go down after a good dash off tackle the other night, I suggested to him that instead of trying to butt his way through three men a la Ted Coy, he'd better reverse his field. Just yelled at him as he picked himself up, "You should have reversed your field, Jacobs." Inside of five minutes he had done it twice for what would have been touch-downs in a regular game.

By the way, Jacobs has been awarded the Charles W. Parkhurst ('93) Scholarship. When we wrote Parkhurst of the award he was quite delighted for, by a curious coincidence, Jacobs comes from the town where Parkhurst was born.

The Coaching Staff

Well, there's the stuff, amigo mio, and here are the chaps who will try to whip it into a team to "Beat Lafayette." Big Jim Baldwin, Head Coach, and V. J. "Pat" Pazetti, Advisory Coach, need no introduction. Neither does "Art" Cusick, Captain of last year's team, or little Chenowith, star quarter in Lehigh's teams just before the war. But here is a new face and a new name. Let me present Herman Shulting, Dartmouth, '21, back-field coach. He played on "Tubby" Spear's crack teams of '19 and '20. The past two years he has been coaching the Passaic High School. Then of course there is "Bosey" to watch over them all, smooth out difficulties and keep them from working the team to death, as all coaches are liable to do. Foxy Bosey when he takes a man out of the line-up in practice on account of injuries, starts him right to the showers, knowing from his long experience that the only safe way to keep him from being used to plug a hole is to put him out of call.

Well, here's to Captain Bill Springsteen and his '23 Lehigh team. Six thousand Alumni will join in that toast, and I'll lay

you five to one that 5999 of them will make the same original remark as they set down their glasses—"Beat Lafayette!"

FOOTBALL SCHEDULE

Oct. 6—Gettysburg.
Oct. 13—*Rutgers.
Oct. 20—Fordham.
Oct. 27—Muhlenberg.
Nov. 3—*Carnegie Tech.
Nov. 10—*Bucknell.
Nov. 17—Alfred.
Nov. 24—Lafayette.
Nov. 29—*Brown.

*Indicates games away.

SOCCER

In addition to football practice at Lehigh University part of the big upper athletic field is being used by the soccer candidates in preparing for the opening game against West Point on October 3. Last year, under the coaching of J. Harry Carpenter, the team captured the Pennsylvania State League title.

Of last year's team, only four are lost, M. Mercur, Sieman, Brewer and Michelina. This will give Coach Carpenter a big squad of varsity talent to form the nucleus of the team. Little or nothing is known of the ability of the new talent and these players will hardly start to make a showing for another week or more. The schedule follows:

Oct. 3—Army, away.
Oct. 6—Wanderers, at home.
Oct. 23—Open.
Oct. 20—Haverford, away.
Oct. 27—Navy, away.
Nov. 3—Pennsylvania, away.
Nov. 10—N. Y. U., at home.
Nov. 17—Swarthmore, at home.
Dec. 8—Penn State, away.
Dec. 15—Lafayette, at home.

Fritz Mercur, '26, Wins Tennis Championship of District of Columbia

The Washington Post of July 2, 1923, carried an article with a double column head, "Lehigh Freshman, 19, Wins in 4-Set Match," in which it told of the victory of Fritz Mercur in the championship matches in the National Capital. C. M. Charest, who had held the championship for two years, had to bow to the prowess of the man who plays No. 1 on Lehigh's team. To quote from the above paper: "Playing with the coolness and deliberation of a national star, the young collegian carried off the premier honors after one of the most sensational displays of well-rounded tennis seen in the District in a long time."

Lehigh Men Assist in Power Program

Under the direction of W. F. Quast, '14, Asst. Professor in Mechanical Engineering, Lehigh University, a number of undergraduates have assisted this summer in conducting a series of boiler tests at one of the mouth of mine plants in the anthracite

coal regions. These tests are part of a program inaugurated in 1921 by the company owning the plant, and briefly, their object is to obtain data upon which to base improvements in design and operation. Prof. Quast, who has been connected with program since its inception, has also conducted tests, assisted by Lehigh students, on the steam using equipment of the same plant. One of the interesting features of the program this summer was a series of tests made with mixtures of anthracite culm and bituminous coal in various proportions.

DEAN M'CONN HAS THREEFOLD DUTIES Activities of Dean Include Registration—He Acts Also in Advisory Capacity

It has been interesting to note the reaction towards and comments upon the new system of registration. Upper-classmen and freshmen have met upon the common plane of ignorance and the former have displayed the least amount of relish.

This new system of registering in one continuous process is but one of the many phases of routine work over which the new office of dean will have control. Although an innovation to the older students, it fills a long felt want.

The duties of the new dean might be divided into three separate groups. First, full attention to the necessary academic machinery of admission, registry, records, reports and petitions. By this it may be seen that the work formerly executed by the secretary of the faculty has been turned over to the dean. It is the intention of Dean McConn to have instantly available full information regarding each student, those facts relating to scholastic status.

Secondly, the Dean is to act in an advisory capacity to any student who has become involved in difficulties pertaining either to scholastic or personal affairs. Dean McConn wishes to emphasize the fact that while serving in the capacity as an integral part of the Service Bureau, his office and he himself are adequately equipped through past experience to solve those difficulties in which students are prone to become involved.

Third and last, because of the complete and close contact which the office of the dean will be able to maintain with the student body, the Dean is to act in an advisory capacity to the President of the University in educational matters.

Too much emphasis cannot be placed upon the importance of the second of those capacities enumerated above. Dean McConn himself has had a wide experience in meeting boys and young men and has a most complete understanding of the best angle of approach in solving those difficulties which from time to time every stu-

dent must meet. No student needs an invitation to the Dean's office—any student is free to seek advice from Dean McConn's greater knowledge and wider experience at any time.

INFIRMARY NOW ADDED TO UNIVERSITY EQUIPMENT

One of the many additions and perhaps one of the most important to take place at Lehigh this year was the establishment of an infirmary. The infirmary, located in Saucon Hall, is equipped with a ward for the students, who will be under the care of Dr. Bull, our new medical director, and a very capable nurse. To pay the expenses for the service rendered by this department, each student will be assessed \$5.00 per term. However, each student will be thoroughly examined each year and will have the services of the Infirmary for all minor ailments. The Infirmary will also give all excuses for cuts due to illness and the excuses from local doctors will not be accepted. All excuses will be presented to Dean McConn instead of to the heads of the various departments, as was the former practice.

The Way of the Winner

Under this title the *Wall Street Journal* of July 21, 1923, ran a double column article on William C. Dickerman, '96, Vice-President In Charge of Operations of the American Car and Foundry Co., and Executive Chairman of Lehigh's Endowment Committee. The first paragraph is well worth quoting:

"William Carter Dickerman—answer to a nation's question: Can American industry master exigency?"

The article tells of the great work done by Dickerman in developing the American Car and Foundry Company into one of the greatest munition and gun carriage producers during the late war. In this article Lehigh University, you may be sure, got lots of publicity.

OUR APOLOGIES

Let me admit at once that I am not very proud of this issue. It was, to tell the truth, thrown together in order to keep faith with our subscribers and advertisers. The past month has been rather hectic. Buchanan, Assistant Secretary and Treasurer of the Alumni Association, has been seriously ill, although I am glad to say he is convalescing nicely. We lost several good people from the office during September and this combined with the opening of college and of the Endowment Campaign made it hard to get out a BULLETIN. Please overlook its defects. I thank you.

TIDINGS FROM SOUTH AFRICA

Many of us remember with pleasure and affection tall Van Reenen of '06. In a letter to Dr. Drinker, (dated July 23,) from Bloemfontein, he says: "Perhaps you will be interested in the enclosed photograph, which was taken last month when I was out in the wilds of the Namib or rainless, (less than 1" per year,) strip, along the West Coast of the Country, formerly German South-west Africa. Although well within the tropics, it is bitterly cold there when one has to sleep on the veldt!"

"Some ten or twelve years ago, when I first seriously began taking up the question of soil-erosion in South Africa, I wrote you asking whether you knew of any Government publication in the United States which dealt with the matter. I wonder whether you could let me have information now with reference to what has been published since I last inquired? I know you are interested in the Conservation policy, and that encourages me in troubling you."

"You talk of the Cape-Cairo journey. Perhaps for even so well preserved a three-score year and ten, (and then some,) as you, the hardship may be too severe, but even without attempting to do the whole journey there is sufficient of interest in the parts one can reach by rail to justify a visit to our shores. I hope still to see you under the lights of the Southern Cross."

It seems that Dr. Drinker sent Van Reenen one of his photographs, and of it Van Reenen comments: "I was very glad to hear from you again. It is quite obvious to me from your photograph, which both Mrs. v. R. and myself were delighted to receive, that you are still in the running and very much so—in spite of Osler's 'too old at forty' theory, that was 'all the rage' when I was at Lehigh!"

"Another Lehigh man has just arrived here, H. Keiser, of the class of 1916. I was fortunately in a position to assist him to get in with the right people on the Gold Mines where he is getting experience. Unfortunately we have only been in correspondence with each other and have not yet met. When I do, I suppose we shall have a Lehigh night." (Keiser will be remembered for his interesting letters from Australia last year. The Alumni Secretary sent him Van Reenen's address, knowing Van would help him when he arrived in Africa.) In a former letter dated June 5, Van Reenen says: "I always acknowledge my debt to the U. S. A., and my heart still frequently beats in rhythm with the old Lehigh yell."

Dr. Drinker is endeavoring to obtain for Van Reenen the information he desires about soil erosion in the United States. He has received in this matter kindly and valuable assistance from Governor Pinchot, and other eminent conservationists. It is hoped that some of our Alumni who read this will co-operate in sending Van Reenen anything they have or can obtain on the subject. His address is R. J. Van Reenen,

12 Hospital Road, Bloemfontein, South Africa. Or if mailed to Dr. Drinker, at Merion Station, Montgomery County, Pa., he will be glad to forward the matter to Van Reenen.

Van Reenen is Vice-Chairman of the local University Council, and some years ago he was appointed a member of a State Commission to inquire into the whole question of periodic droughts, soil erosion, etc.; he writes (under date of July 23): "In a couple of weeks I am leaving for a tour through the Mandate territory, formerly German South-west Africa, on invitation of the Administrator, to advise him on a policy of drought-fighting and conservation."

On July 10, Van Reenen read a valuable and exhaustive paper on "Drought" and "Soil Erosion" at the 21st Annual Session of the South African Association for the Advancement of Science.

BANQUET HONORS MAN ONCE NEARLY BROKE Dinner is Given at Warren for Head of Packard Electric Company

(From Cleveland Plain Dealer,
July 17, 1923.)

Warren, O., July 16.—Twenty years ago today N. A. Wolcott ('03) got off an Erie train in Warren and slept in the station that night in order to save the seventy-five cents he had in his pocket to buy food.

Tonight he was the honor guest at a banquet celebrating the close of the twentieth year of his connection with the Packard Electric Co. of this city, of which he now is president and general manager. The fact that he also is vice-president of the board of trade, a member of the city planning commission and chairman of the city park commission indicates the interest which he has taken in civic affairs during the years he had been winning commercial success. During the war, he was chairman of publicity for Liberty Loan drives in Trumbull County, which on every issue oversubscribed its quota.

A company of fifty men, executives of the Packard Electric Co., and Mr. Wolcott's associates in other business interests, gathered around the tables tonight at the banquet held in his honor. Letters of congratulation were read from W. D. and J. W. Packard ('84), former owners of the Packard Electric Co.

Mr. Wolcott first became associated with that company as an electrical engineer. In a few years, he became general manager and in less than a decade, headed a group which purchased the company from the Packard brothers.

The company was originally incorporated in Warren in 1890 for the manufacture of electric lamps and cables. In 1899, the manufacture of automobiles was taken up and the first Packard car built in Warren.

Four years later, the Packard automobile division was sold to Detroit capitalists, who formed the Packard Motor Car Co. and in the same year the Packard lamp division was sold to the General Electric Co.

These sales left the Packard Electric Co. with two lines of products, transformers and automotive cables, in which it has specialized since that date.

Morris L. Cook, '95, to Direct Penna. Power Supply Survey

Special Dispatch to The North American.

Harrisburg, August 28.—Pennsylvania launched its giant power survey this afternoon when the board created by act of the 1923 legislature organized for the task of determining the extent of the state's latent resources for electrical energy.

As director of the survey the board selected Morris Llewellyn Cooke, Philadelphia consulting engineer and director of public works during the Blankenburg administration. Cooke during the war organized the power section of the emergency fleet corporation and is now a member of the advisory board of transit engineers recently named by Mayor Moore. He has represented the federal government in a number of power matters, is director of the utilities bureau, a national agency representing the public interest in the utilities field, and recently, at the request of Governor pinchot, surveyed utility regulation in Pennsylvania.

LEHIGH MEN WHO WRITE

Professor Lawrence B. Chapman, Head of Lehigh's School of Naval Engineering, had an article in the June issue of *Marine Engineering*, entitled, "Influence of Speed on Economy of Motorships."

The recent report of the Board of Commerce and Navigation of New Jersey "On the Erosion and Protection of the New Jersey Beaches" is of especial interest to Lehigh men. Until his untimely death, B. F. Cresson, Jr., '94, was Consulting Engineer for this board. After his death Henry J. Sherman, C.E., '90, took his place and continued his work. So this voluminous and highly instructive report owes much to these two Lehigh men.

Harry T. Morris, M.E., '91, read a paper before the American Iron and Steel Institute in New York on May 25, 1923, on "Waste in the Steel Industry." Morris is Metallurgical Engineer of the Bethlehem Steel Co.

The *Post-Standard*, of Syracuse, N. Y., in its issue of August 8, 1893, carried an article by Paul M. Paine, C.E., '91, M.A. (Hon.), '13, on "The Right Word—How to Find It." Paine is Director of the Syracuse Public Library.

In the *Engineering News-Record* of May

10, 1923, we find an article of Morris L. Cooke, M.E., '95, Sc.D. (Hon.), '22, on "Suggestion for an Engineering Employment Service." In it he discusses a plan for nation-wide paid service under the auspices of the National Engineering Societies.

Of course every reader of the *Saturday Evening Post* has found during the past summer articles by Floyd W. Parsons, E.M., '02, and by Edwin Lefevre, '91, as well as red-blooded, two-fisted stories by R. G. Kirk, Met.E., '05.

A most timely article by N. H. Heck, B.A., '03, C.E., '04, headed, "Hope to Forecast Earthquake Peril," appeared in the *New York Times* of Sunday, September 16. Heck is Chief of the Division of Terrestrial Magnetism, U. S. Coast and Geodetic Survey.

The *American Mathematical Monthly* has published recently several solutions of mathematical problems by J. B. Reynolds, B.A., '07, M.A., '10. Also in its issue of May-June, it published an article by Reynolds on "The Area of Ruled Surfaces by Vectors." I looked it over, but it means nothing in my young life. He says something about "The beauty and simplicity of this method of attack, etc." Well, it may be beautiful, Reynolds, but it sure don't look simple to me.

The *Electrical World* of September 1, 1923, carries an article by Edwin L. Willson, E.E., '08, on "Producing Synthetic Gray Iron in the Electric Furnace." Willson is a Consulting Engineer and Metallurgist at Hartford, Conn.

Hill-to-Hill Bridge Foreshadowed in Thesis

By this time next year returning Alumni will be able to ride across the \$3,000,000 Hill-to-Hill Bridge which leads from the "Fem Sem" to Fountain Hill with an arm running to the West Side and numerous ramps to take care of the traffic originating between the approaches. Clarence W. Hudson, '89, president of the Alumni Association, is the designer of the great structure and it is interesting to note that he and a class-mate, Charles H. Deans (now dead) took for a thesis when they graduated a bridge connecting Bethlehem and South Bethlehem and their design showed a structure starting at the Church of the Nativity and ending at the Moravian Seminary (now the Moravian College for Women), just as the present structure does. Deans designed the sub-structure and Hudson the super-structure. Now, after a lapse of thirty-four years, Hudson is bringing to completion a bridge connecting the very points selected as terminals for his thesis structure. In the light of present-day street-car and motor traffic we hazard the guess that there is some change in design.

Lehigh University

BY CATHERINE DRINKER BOWEN

CHAPTER XIX PRESIDENTS, 1865-1893

President Butler of Columbia once said, attempting modesty: "The incumbency of a university president is like the reign of a monarch or the rule of a president, convenient as a standard of measurement, but it is the men of letters, the men of science, the men of vision, the men of accomplishment, who are remembered in that administration, who give to it meaning and form."

This is all very well, and would do nicely in a speech before the Association of University Professors, but everyone knows what the men of letters and the men of science owe to the president. He finds them, raises money to pay their salaries and buy their equipment, and besides undertaking a thousand tasks of organization, insensibly establishes the atmosphere under which they work. His teaching and study may be congenial or uncongenial to the professor according to the character of the president. A weak president will undermine all discipline, a too arrogant executive will irritate his faculty by undue interference.

A genius for procuring and retaining first-rate professors is not the only requirement of the successful college president. He must be an administrator. It would seem that Lehigh's history moves in recurring cycles; during one period her vital need is extended physical equipment; during the next, new teachers. When the time comes to choose a new president, one or the other of these situations has reached an acute stage, and a man is picked for president who is qualified to deal with it. Dr. Coppée brought teachers,—he was a professor himself. Dr. Lamberton, a lawyer, wove into a harmonious whole the multiple strands of Lehigh organization. Came another professor—a scientist this time, and the late nineties saw Lehigh's Faculty again strengthened. 1905—and another lawyer, a Lehigh engineer-lawyer, and the campus blossomed with new laboratories and new dormitories. 1922 sees the professor again enthroned, but a new kind of professor this time, the modern kind, with one hand on the slide rule and the other on the cash register.

The more one learns of Dr. Coppée, the stranger it seems that such a man ever went into the army. He was proud of his military record, and to the end of his days preserved a military bearing which was, to quote a student of the seventies, "impressive. He walked very deliberately, turning out his toes in extreme,—well dressed, brave, well groomed." There was, indeed, a certain magnificence about Dr. Coppée. His long white beard, his high forehead, rounded off in shining baldness, accentuated the length of his face. The eyes were large and luminous, lips full; his portrait in Drown Hall wears a cultivated frown which does not, however, mitigate the natural mildness of his expression. All the military turning out of toes and all the frowns he could muster could not make a martinet out of Dr. Coppée; a military bearing does not always denote a military mind, and Dr. Coppée's tastes inclined decidedly toward the academic. He liked to teach logic, and rhetoric, and to give lectures on Shakespeare. For thirty years he did his honest best to impress the classical and aesthetic values upon a town more occupied with steel and with railroads than with the humanities, upon a Valley that was fast becoming one of the industrial centres of the world. His mind was given to the oddest leaps and contortions. Show me another soldier who could in one year compile a book called "A Gallery of Famous Poetesses," in two more years (1862) publish a "Manual of Battalion Drill," and in the successive four years go through the contrasting jobs of literature professor, president of an engineering university, and back again to professor!

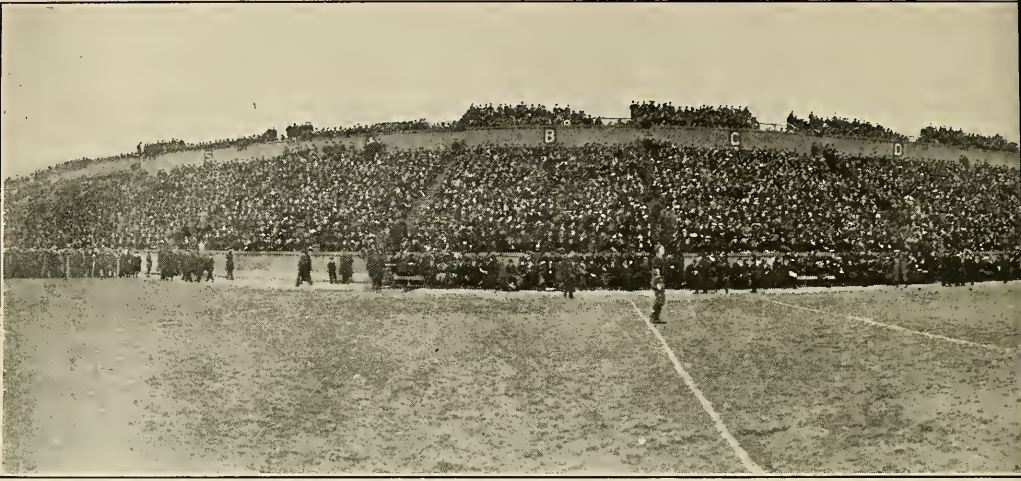
Henry Coppée was born in Savannah, Georgia, in 1821. When he was eighteen he completed a short course at Yale, then, after three years as engineer on the Georgia Central Railroad, entered West Point and was graduated in 1845, just in time to go to the Mexican War. He went as Lieutenant and came out with a Captaincy which no doubt assisted in procuring for him the appointment of Assistant Professor of Geography, History, and Ethics at West Point. In 1855 he became Professor of English Literature at the University of Pennsylvania,—“Belles Lettres,” they called it.

In 1866 Judge Packer told Bishop Stevens to look around and find him a president for his new “polytechnic college,” and the Bishop looked around until his eye lighted upon Henry Coppée, who was duly installed in the office he filled so well for the next decade. During these years he divided his time between his executive duties and teaching—his title in the Register was “President and Professor of History and English Literature.” In 1875 he resigned as president and devoted the rest of his life to teaching at Lehigh. His lecture courses, whether on Shakespeare, history or political economy, were extremely popular with the students; at the end of his first Shakespeare lecture course in 1876 the boys presented him with “an elegant set of the works of Shakespeare as a token of their regard for the lecturer and thanks for the lectures.”

When he died in 1895, Lehigh knew that she had lost a tried and loyal friend. Speaking of his personal relations with the students, the *Brown and White* for March, 1895, said: “Never forgetting that he was a gentleman, always kind, always courteous, he interested himself in the welfare of every young man who came under his influence.” Again it was said: “In a town of coal and iron, of railroads, mills and banks, he represented culture, literature, ideas; if he had not been here from the start, this place would be other than it is. Nobody else among us has stood or will stand for these things as he did. Nobody else will draw the town to the opera house to hear a Shakespeare lecture, or the best of Fountain Hill to a Shakespeare reading in a private house. The charms of his manner, of his genial and gracious personality, have made their mark on thousands.”

In 1881 there came to Lehigh a president under whose vigorous and capable hands the University was to assume her place in the front ranks of technical education. Mrs. Rollin Wilbur writes of her father, Dr. Robert Lamberton: “A very little old great aunt, when she heard of his election to Lehigh University’s Presidency, remarked, “Well, well, Robert’s ending as he began—teaching school!” Everybody that amounted to anything in the United States of the middle nineteenth century seems at one time or another of their lives to have taught school, and Dr. Lamberton’s career was typical of all that was vigorous in American manhood of the nineteenth century. He was born in 1824, in the Cumberland Valley, Pennsylvania, of good Scotch-Irish fighting stock. As a boy he attended public school in Carlisle, then entered Dickinson College and was graduated as Valedictorian of his class before his nineteenth birthday. After college came the school teaching—two years of it while he was reading law—then a year’s apprenticeship in the office of a Harrisburg lawyer, and he was admitted to the Dauphin County bar. Fifteen years later came the Civil War, and the young lawyer served as Lieutenant of the First Regular Pennsylvania Militia. He was a member of General Curtis’ staff when Lee invaded Pennsylvania.

At the close of the war Mr. Lamberton resumed his legal practice, and very soon the vigor of his personality began to make itself felt throughout the county and through the state. He was an ardent Democrat; perhaps he inherited these tendencies from his grandfather, General James Lamberton, who killed Judge Duncan in a duel because that gentleman was a Federalist and made insulting remarks about the Democratic party—very insulting. In fact, he said “he would either have Lamberton’s blood or take his breakfast in hell.” At any rate, his grandson, Robert, was held in the highest esteem by the Democrats of Harrisburg; he was a delegate to the congressional convention of 1873, he was



JUST BEFORE

NO NEED to tell any Lehigh man that this is the Taylor Stadium. Less need to say that the occasion is the annual game with Lafayette. Not one of you but has sat as undergraduate or alumnus on these stands waiting in eager expectancy for the referee's whistle to release for action the tense warriors on the field. The game is on, each smashing play pulls you from your seat, ten thousand throats shout the Lehigh battle cry—but on the field, there are only eleven Brown and White clad players. You and I on the stands are helpless to change the tide when it sets against us. Strain and tug as we will, we can't add an ounce to the force of the plunging play when Lehigh is driving for a touchdown. Lehigh is playing! Lehigh is fighting for victory! Is there a man among us who has not felt that he would give the world for a chance to get into that fray, for an opportunity to aid in winning a victory for Lehigh.

That chance is here. Right now, we are on the eve of Lehigh's hardest fight. On October 6th the



WHISTLE

whistle will start a game in which Lehigh can win her greatest victory. No one is holding us back from the field of play. Every man jack of us has a chance to take part. Have we got the fighting blood we pride ourselves on when we sit in the stands and mutter through clenched teeth, "If I could only get in there!" Or are we only children playing "pretend" because we know we are safe outside the ropes with a score of cops to keep us from the fray?

Well, old timer, you can answer that question dead easy before this Endowment Campaign ends. I've been in a bunch of Lehigh-Lafayette games and they don't take half the courage, half the "guts and backbone," that this little old fight will require. The man who thrusts himself into this game, who fights through to the finish has "got the goods." If the stands are bare of spectators, if the field of play holds every man who claims Lehigh as his college, we'll win this fight by a score of \$4,000,000—and that's even bigger than 76 to 0.

mentioned for the Supreme Court of Pennsylvania and twice mentioned as a candidate for Governor. He was a Mason of the highest honors; he helped to draft a new constitution for his state.

When in 1880 the Reverend J. McDowell Leavitt, after an administration of five years, resigned the presidency of Lehigh, the Trustees were at once attracted by this healthy, sincere, energetic person up in Harrisburg. When the members of the Board looked up his record they found that Mr. Lamberton had been a Trustee of Lehigh since its foundation; he was one of the five executors of the Asa Packer estate, and a Director of the Lehigh Valley Railroad. Also, Bishop Howe, President of the Board, was pleased because Mr. Lamberton was such an ardent Episcopalian, having been secretary of the Bishop's diocese since its organization.

Dr. Lamberton came to Lehigh in April, 1880, and he brought with him a breath of Spring and a new hope for Lehigh. "Dr. Lamberton," said one of the student papers, "is no theorist; practical, and of strong will, his hand is noticeable in everything. Kind and affable, he has the love and respect of the faculty and students. The University has a glorious future before her. With unlimited wealth, an able Faculty, and, what is more important, a deep-rooted feeling among her students that it belongs to them to shape her destiny, she must succeed."

From the first, Faculty and President worked in full cooperation. Here, said the professors—among them Dr. Coppée—is a new kind of Lehigh president. Perhaps he can't say his prayers in Greek and certainly he couldn't build a bridge, but he is cheerful, and buoyant, and knows what he is doing, and we like him.* So this citizen from Harrisburg with the level eyes and the long upper lip; the wide, firm mouth, staunch of figure and staunch of purpose, took hold of Lehigh and set her on her feet. When he came in 1880 the University had 88 students and 13 teachers; when on September 1, 1893, he finished his labors for Lehigh she had 569 students and 35 teachers.

Dr. Lamberton understood students as well as he understood professors. He went to Europe in 1891, and when he came home the students met him at the station and had a parade, and a band, and fireworks. Mrs. Wilbur writes of her father: "Apart from his ability and brilliancy he was such a wit, and had such a sense of humor. And he always loved and excused 'his boys,' saying he never forgot that he too had been young. I always remember his chastened joy when the College Bell was stolen!—and returned very promptly by his stern, but diplomatic orders."

Stories abound illustrative of Dr. Lamberton's tactful and effective methods in dealing with students. In the Spring of 1884 it was made known that Judge Packer's daughter, Mrs. Cummings, had presented the University with money for what now stands as the most beautiful building on the campus, the Packer Memorial Church. The students thought it highly proper that the news of this donation should be received with a display of enthusiasm, but they were a little puzzled as to just what form this enthusiasm should take. One Thursday morning late in May they assembled at the Eagle Hotel, armed with picks and shovels, displaying a banner on which was inscribed,

"Ours at last,
i. e.,
The Chapel."

* Among the many tributes paid to Dr. Lamberton after his death, perhaps none is more illuminating than the following, from the "Catasauqua Despatch": "Although not a learned man, he was a thoroughly equipped one; he kept abreast of the times on all subjects of popular thought; a man of quick temper, he had learned to control it; of keen intellect, a logical reasoner; a splendid parliamentarian; full of tact, and, united to all this, of great executive ability."

Led by the Keystone Band, the crowd marched noisily across the river and up to the University campus, with the not exactly reverend intention of breaking ground for the Chapel and holding mock services in honor of the occasion. Marching around the park the procession came face to face with that ardent churchman, Dr. Lamberton, the last person who would have been selected to lead such a parade. He led it, however, straight to the chapel in Packer Hall, where, says one account, "the usual morning prayers were conducted. The procession was then re-formed with Dr. Lamberton, the Rev. Prof. Bird and other members of the faculty in the lead and followed by the whole body of students. Arriving at the site of the new chapel the doxology was sung, followed by the Creed and appropriate prayer of the Rev. Bird." There was a "selection by the choir," and Dr. Lamberton broke the sod, concluding the ceremony with an earnest solemnity which, while it fitted not at all the original program of the students, fully satisfied the dramatic instincts of all present.

(To be continued.)

WITH OUR ADVERTISERS

Brillhart-Brothers Co. Merge With F. H. Clement & Co.

On July 1, 1923, Brillhart-Brothers Co. (D. H. Brillhart, '06, and George R. Brothers, '08) merged into F. H. Clement & Co., with offices in the Bethlehem Trust Bldg., Bethlehem, Pa., and the Girard Trust Bldg., Philadelphia, Pa. The new company retains the organization and operating personnel of each of the former companies and will solicit railroad and general building construction.

Clement & Co. have specialized for twenty-five years in heavy railroad and bridge construction while the Brillhart-Brothers Co. have built since their incorporation large industrial buildings, factories, silk mills, etc. The operating officers of the new company will be Messrs. Edward T. Gallagher, G. R. Brothers and D. H. Brillhart.

Lehigh Men Feature National Retail Coal Dealers' Dinner

You can never get enough of a good thing. So thought the National Retail Coal Dealers at their dinner in Wilkes-Barre on June 26. Instead of after dinner speeches they had three short talks on topics of interest to coal dealers. Kindly scan the names of the three speakers:

"Mining of Anthracite," Cadwallader Evans, Jr. ('01), Consulting Mining Engineer.

"Preparation of Anthracite," Charles Dorrance ('07), Vice-President, The Hudson Coal Co.

"Sales and Distribution," Alan M. Dodson ('00), President, Weston Dodson Co.

Lehigh Men Nominated as Directors of the A. S. of C. E.

In the list of official nominees for the offices to be filled at the annual election of the American Society of Civil Engineers we note that two out of the six men nomi-

nated as Directors are Lehigh Alumni. Thaddeus Merriman, C.E., '97, Head of the New York Department of Water Supply, is nominated to represent District No. 1 and Robert Farnham, C.E., '99, Engineer of Bridges and Buildings, Penna. R. R., to represent District No. 4. I don't suppose it is necessary to tell Lehigh members of the Society how to vote.

Prof. E. H. Williams, '75, Establishes More Prizes

It would seem that Professor Williams is never weary of doing for Lehigh. Just last spring he gave President Richards \$12,000 to spend in fixing up the interior of Williams Hall. Now comes an announcement about graduate and undergraduate prizes which will be read with interest by alumnus and student.

Members of the Classes of 1922, 1923, and 1924 and resident graduate students taking work at the University during the collegiate year 1923-1924, are eligible to compete for the E. H. Williams Prize of \$125, for the best thesis on one of the following subjects:

SUBJECTS FOR GRADUATE PRIZE

IN ENGLISH LITERATURE:

1. The Life and Literary Work of Walter Savage Landor.

IN ECONOMICS:

1. The Making of Index Numbers.
2. The International Investment Market.
3. The Living Wage and the National Income.

IN MENTAL AND MORAL SCIENCE:

1. American Contributions to Philosophic Insight.
2. The Present Status of the Theory of the Emotions.
3. A First-hand Study of an American School.

A prize of \$100 and five prizes of \$10 each, likewise contributed by Dr. Williams, will be awarded to members of the class of 1924 for dissertations on the following subjects:

SUBJECTS FOR SENIOR PREMIUMS

IN ENGLISH LITERATURE:

1. Forerunners of Nineteenth Century Literature: Cowper, Crabbe, Blake, and Burns.
2. The Medieval Impulse in William Morris, Rossetti, and Swinburne.

IN ECONOMICS:

1. The Railroad Problem in the United States.
2. The Problems of Marketing and Credit Related to Agriculture.
3. The Incorporation of Trades Unions.

ENGAGED**Class of 1917**

Miss Isabel Holmes, daughter of Rev. and Mrs. James E. Holmes, of Brooklyn, N. Y., to Dr. Harold Russel Merwarth. (Yep! it's "Zibbie!")

Class of 1920

Miss Helen Borhek Meyers, daughter of Mr. and Mrs. H. J. Meyers, of Bethlehem, to Mercer B. Tate, Jr.

Class of 1922

Miss Helen Verona Troiano, of Bethlehem, to Edmund Joseph Whims.

MARRIAGES**Class of 1896**

Daniel William Blum to Edith Riley Graves, August 17, 1923, in Philadelphia, Pa.

Class of 1907

Gilbert G. Jacobosky to Audrey Frances Blumenthal, June 28, 1923, in Philadelphia, Pa.

Class of 1911

M. L. Vincente to Myrtle M. Poland, August 14, 1923, in San Juan, Porto Rico.

Class of 1916

Guy R. Johnson to Dorothy Marian Jones, of Tamaqua, Pa.

Donald S. Sexton was married September 25, 1923, according to a letter from F. J. Gerhard, '13, who, however, fails to name the lucky girl.

Class of 1917

Raymond L. McCann to Fleta Jessie Munson, of Franklin, N. J.

Vernon B. Pike to Linda B. Scott, September 22, 1923, in Packer Memorial Chapel, Lehigh University. Rev. George McKinley, '17, officiated.

Ira G. Ross, Jr., to Katherine Elizabeth Ross, June 28, 1923, in Bethlehem, Pa.

Class of 1918

Lloyd G. Jenkins to Edna Hindennach, June 16, 1923, in Jeddo, Pa.

H. D. Root to Lucy Elizabeth Scott, September 26, 1923, in Ashville, N. C.

Class of 1919

Harold R. Walters to Dorothy Monica Spear, June 4, 1923, in New York. The ceremony was performed by Rev. Edwin A. Hartney, '19.

Class of 1920

Norman C. Dittes to Florence E. Knodt, August 8, 1923, in Lancaster, Pa.

Edgar Muth to Ruth C. Frederick, August 15, 1923, in Allentown, Pa.

Class of 1921

Gerald H. Clark to Dorothy Eleanor Chequer, January 10, 1923, in New York City.

Bradford Willard to Elise Krassa, in New York City.

Alvin Turner Wilson to Jane Galbraith Hatton, July 27, 1923, in Trenton, N. J.

Class of 1922

A. S. Thaeler to Martha Martin MacQueen, June 27, 1923, in Newcomerstown, Ohio.

BIRTHS**Class of 1902**

Born to Mr. and Mrs. J. S. Hegeman, on September 16, 1923, a daughter, Anne.

Class of 1905

Born to Mr. and Mrs. J. D. Berg, on July 27, 1923, a son, Philip James.

Class of 1906

Born to Mr. and Mrs. D. H. Brillhart, on August 6, 1923, twin daughters, Mary Irene and Elizabeth Lehr.

Born to Mr. and Mrs. Frank Anderson Henry, on June 19, at Barcelona, Spain, a daughter, Pamela Joan.

Class of 1909

Born to Mr. and Mrs. D. M. Petty, on May 28, 1923, a son, John Stewart.

Born to Mr. and Mrs. Garrett D. Spiers, on July 2, 1923, a son, Garrett DeForrest, Jr.

Class of 1910

Born to Mr. and Mrs. H. P. Smith, on August 30, 1923, a son, Donald Wanamaker.

Class of 1915

Born to Mr. and Mrs. Charles F. Vance, on June 19, 1923, a son, Edgar Vaughn.

Class of 1916

Born to Mr. and Mrs. E. W. Garges, on August 24, 1923, a daughter, Marguerite Waring.

Class of 1917

Born to Mr. and Mrs. E. Moore Robinson, on August 4, 1923, in New York City, a son, Edward Moore, Jr.

Born to Mr. and Mrs. Wilfred H. Wolfs, on June 1, 1923, a daughter, Barbara Anne.

Class of 1919

Born to Mr. and Mrs. John B. Heilmann, on June 29, 1923, a daughter, Elizabeth Louise.

Class of 1921

Born to Mr. and Mrs. Gerald H. Clark, on September 10, 1923, a daughter, Janet Elizabeth.

Born to Mr. and Mrs. William M. Hall, Jr., October 20, 1922, a son, William McLaurine, III.

DEATHS**W. S. Cortright, '72**

William Sharpe Cortright died in Bethlehem on June 21, 1923, after several weeks of sickness. His passing closed a career of service to his profession and the community which lives as a monument to his memory. He was born in Ashton, Pa., July 8, 1851. He entered the employ of the Lehigh Zinc Company in 1881 and remained with the company after its amalgamation with the New Jersey Zinc Company, until his death. In 1897 he moved to Palmerton, Pa., where he had charge of the construction and operation of the company's plant there. Shortly before his death Cortright was presented with a pin with a star for each year of service with the zinc company—forty-two—by his associates. The esteem in which he was held was shared by the citizens of Bethlehem, where he was regarded as one of the city's most public-spirited men. During the war, he was indefatigable in his assistance, public and private, to men in the service.

He is survived by his wife and one brother, Robert Butler Cortright.

Frederick P. Spalding, '80

Frederick Putnam Spalding died September 5, 1923, at Columbia, Mo., of heart failure, at the age of 66. He was born at Wysox, Pa., in 1857, and graduated from Lehigh in 1880 with the C.E. degree. He married Annie Packer Wilbur, of Bethlehem, in 1885, and for two years following was instructor in civil engineering at Lehigh. He went to Cornell in 1891, where he was assistant professor of civil engineering until 1898. He was professor of civil engineering at the University of Missouri since 1900.

Prof. Spalding was the author of a number of technical works, including "Notes on Hydraulic Cement," "Textbook on Roads and Pavements," "Hydraulic Cement, Its Properties, Testing and Use." He was a member of the American Society of Civil Engineers, Society for the Promotion of Engineering Education, Engineers' Club of St. Louis, and a fellow in the American Association for the Advancement of Science.

He is survived by his wife and two daughters.

Thomas Nicholson, Jr., '83

Thomas Nicholson, Jr., aged 82, died May 27, 1923, at his home in Swissvale, Pa., after an illness of two years. He was born in Philadelphia, December 21, 1841. He won his M.E. with '83, and in 1898 organized the Pittsburgh Chain Works, with his brother, David K. Nicholson, '85. The business grew and has prospered as Nicholson and Co., manufacturers of high grade chains for use on battleships and in various industries.

Nicholson leaves his widow, three sons, two daughters, two brothers and two sisters. Funeral services were held at his home in Swissvale. Honorary pallbearers were Taylor Allderice, '83; C. D. Marshall, '88; H. H. McClintic, '88; F. R. Dravo, '87; Ralph Dravo, '89, and G. H. Neilson, '85.

Charles W. King, '88

The sad news of the death of Charles W. King, late of Finksburg, Md., nearly a year ago, has just been received from his sister.

Charles N. Butler, '88

Charles N. Butler, of Philadelphia, died on May 21, 1923. Butler had been in poor health for some time, but had hoped to join '88 at their 35-year reunion last June. After graduating from Lehigh with a C.E. degree he attended George Washington University, securing his L.L.B. in 1892. For many years he had been a prominent lawyer in Philadelphia, specializing in patent, trademark and copyright cases.

Edward A. Wright, '89

Edward A. Wright died July 11, 1923, after a brief illness from which he seemed to be recovering. Wright was well known in New York City as an attorney, specializing in patent causes. His sudden passing is keenly felt by classmates and a host of other Lehigh men who knew him.

Julius L. Neufeld, '94

Julius L. Neufeld died in the Samaritan Hospital, Philadelphia, on July 23, 1923, following an operation in June. Born in Vienna, April 26, 1872, he came to America at the age of 10. He graduated from Central High School, Philadelphia, with highest honors in 1891, and from Lehigh in '94, with a degree in Electrical Engineering. He returned to Central High School as instructor in mathematics and became head of that department in 1920.

Dr. Neufeld was the author of a textbook on algebra and a frequent contributor to various publications. He is survived by his wife, Mrs. Carrie E. Neufeld.

Walter Howard, '95

Walter Howard died May 25, 1923, after a long period of ill health, followed by apparent convalescence. The end came suddenly at his home in Geneva, N. Y. The esteem and affection in which he was held by his Lehigh friends is shared by Cornell men. Howard, after a year at Lehigh, went to Cornell where he graduated in 1896. He is survived by his widow and by his brother, John Howard, '87. Another Lehigh brother, Oliver Zell Howard, '96, died two years ago.

John Marvin Fouse, '05

John Marvin Fouse died a hero, at Bethany Beach, Del., on July 20, 1923, when he went to the rescue of his brother Ira, who was drowning. The brothers, with their wives, had just begun a vacation at the beach and were swimming in a rough surf some distance apart. The cry for help brought John to the shore in the belief that one of the ladies on the beach was in danger. Perceiving his mistake, he plunged back into the surf and swam toward Ira, who had been swept far out into the channel by the current. A lifeguard, who was nearby, refused to venture out, saying it meant sure death. It was ten minutes before a boat could be launched, in which time Ira had sunk and John was brought ashore unconscious. All attempts at resuscitation failed.

Fouse had recently established an acetylene welding business that promised a splendid future. He was active in church work and was universally respected for his integrity and goodness of heart. Perhaps no finer tribute could be paid him than that of his classmate and friend, R. G. Kirk, who writes:

"Not a man in '05 but will sincerely grieve over this irreparable break in the ranks. The old class boasted no finer, quieter, more unassuming, squarer shooting sport than Johnny Fouse. He was a man all over. And you can bet there was heroic business out there in the sea when those two brothers stuck it out to the bitter end.

"Nineteen five's big heart aches for its loss and for the loss that Johnny's bride of a couple short years suffers with us."

Thomas H. Lowery, '05

Thomas H. Lowery died at his home in Mt. Vernon, N. Y., July 16, 1923, after a long illness. He was forty-two years old and a superintendent of the New York Telephone Co. He is survived by his mother, wife and daughter and two brothers.

A classmate writes of him: "I'm sure that every '05 hat is off at the thought of another good scout gone into the Unknown with that high courage which we believe old Lehigh strengthens in all her sons. And our hearts go out to Tom's wife, for we all remember Tom well enough to know that she lost a man."

Charles B. Brickner, '08

Charles B. Brickner died at Franklin Hospital, Newton, N. J., February 15, 1923.

Harold S. Hiller, '19

Harold S. Hiller, B.A., died July 20, 1923, at his home in Buchanan, Mich. He had been in poor health for some time but continued at his work until a few days before his death.

Hiller prepared for college at the Central High School, Washington, D.C., where he won a scholarship at Lehigh. During his college course he won the physics prize in his sophomore year and was elected to Phi Beta Kappa in recognition of his high standing in his junior and senior year. After graduating he went to Buchanan and entered the service of the Home Lumber and Coal Co., being later promoted to Assistant Manager. He was well known and honored in the community and his untimely death ended what would have doubtless been a successful and honorable career.

Donald M. Bush, '22

Donald M. Bush, Ch.E., died May 31, 1923, at his home in Bethlehem, Pa. He had been ill for three months with sleeping sickness. He was employed in the drop forge department of the Bethlehem Steel Co. During his junior and senior years at Lehigh he was on the lacrosse team. He was a member of Alpha Chi Rho and Tau Beta Pi.

George F. Pottelger, Jr., '26

George F. Pottelger, Jr., died at Camp Meade, Md., July 20, 1923, of diphtheria. He had attended the training camp for three years and was in the sergeants' class at the time of his death. He had planned to enter the commissioned officers' class next year, thus following the footsteps of his father who is a veteran of the Spanish-American war and was a major in the medical corps of the Fourth Pennsylvania for many years. Pottelger was active in college and was well liked at Lehigh and in his home town, Hamburg, Pa. His untimely death was a shock to many friends in both places.

PERSONALS

Class of 1872

LOST—J. S. Polhemus.

Class of 1873

LOST—D. O. Bartlett, H. F. Brinker, W. C. Foulks, J. H. W. Hawkins, C. Lance, H. S. Magraw, T. Martin, T. Rosencranz, G. B. Thomas.

Class of 1875

LOST—J. W. Mumper.

Class of 1876

LOST—G. A. Brooke, F. M. Clarkson, E. R. Ellison, J. A. Evans, D. G. Frick, J. C. Guimaraes, J. A. Hasson, J. J. Malcher, H. H. Rice.

"Billy" Raeder sends in a clipping from the

Scranton, Pa., *Times*, of September 4, which recounts the incident of the meeting of two young fellows who hadn't seen each other since they parted on Lehigh's campus in '76. "Billy" was one of them, and the other was John M. Leicht, also '76. But let the *Times* "colymist" tell it:

"A most enjoyable renewal of Auld Lang Syne and the couplet, 'should auld acquaintance be forgot,' was the week-end meeting of John M. Leicht, now a resident of Newark, with his old college chum and classmate, Colonel W. L. Raeder, one of Scranton's most active business and professional men. It was my great pleasure to meet these two most interesting, jovial and well preserved men at the Colonel's office in the Union National Bank building and listen to their exchange of reminiscences of fifty years ago. A most interesting exchange it was, as it was the first meeting of these two men since they parted on Lehigh's campus in June, 1873—a half century ago they were classmates at Lehigh University in the Class of 1876. 'Goodbye, Jack, see you in September.' 'Billy, you can bet I'll be there'—was only realized fifty years after, when on Thursday last in the hall of the bank building these two men, with silver locks streaking their temples, were found locked in each other's arms and their 'My God, Jack, is it you?' and 'Great Scott, Billy, I am overjoyed to see you!' echoed down the hall and caused the passersby to wonder what play was being rehearsed.

"Mr. Leicht was the home guest of Colonel Raeder over Thursday night, returning to Pocono Manor Friday morning. These two young men—because a man is as old as he feels—have pledged themselves to be back on Lehigh's campus to celebrate the fiftieth reunion of their class in June, 1926."

Class of 1877

LOST—J. A. Beaver, E. M. Bredin, A. A. Buell, J. J. Childs, R. Gere, C. W. Hillers, D. K. Kistler, F. J. Kramer, J. Pettie, W. J. Renniman, M. M. Rhodes, W. Weierbach.

Class of 1878

LOST—L. J. Barr, T. C. Church, A. L. Drake, G. W. D. Hope, P. T. Jenkins, C. C. Lance, J. C. Malcher, A. Miller, J. Moriarty, V. E. Stolbrand, P. Suess, H. F. Williams, E. M. Worman.

Class of 1879

LOST—L. O. Coelho, L. W. Curtis, E. S. Peyser, G. T. Roth, A. Smith, B. Unangst, J. S. Watt, M. S. Weaver, F. J. White.

It isn't often that an editor honestly enjoys admitting a mistake. But here's one that I've been making for years and which I'm tickled to death to set straight. For years the name of William R. Upp has been preceded by a star in the Alumni Directory. Of course, ye ed must have some alibi and mine is that Upp was reported dead, at one time, due to an accident in China. Now he bumps into F. W. Sargent and proves the report "grossly exaggerated," for he lives at the Fairmount Hotel, San Francisco. Can't you seventy-niners take steps to keep him away from China in the future?

Class of 1880

LOST—J. K. Bacon, J. W. Bigney, H. C. Black, J. T. Broughal, M. R. Calvert, E. B. Clarke, W. F. Clarke, W. F. Hillier, C. L. Kilpatrick, G. L. Lehrs, H. Lehrs, R. M. Michler, E. H. Ross, M. Rush, G. W. Schwartz, L. B. Taggart, F. G. Taylor.

Class of 1881

LOST—W. S. Cranz, C. W. Gray, J. T. Griffin, H. L. Locke.

Class of 1882

LOST—C. S. Fackenthal, E. M. Henry, F. A. Holland, F. E. Jacobson.

Class of 1883

LOST—F. S. Cardenas, J. H. James, J. R. Pepin, C. L. Wong.

J. N. Leithead writes that his son, J. Edward Leithead, has a story entitled "Lawless Trails" in the *Ace-High* magazine for the week of September 22, and has had three more accepted for future publication.

Class of 1884

LOST—H. D. Ayres, G. N. Bursmith, F. B. Langston, D. R. Mehaffey, P. T. Norton, W. R. Pickney, C. C. Spotswood, C. B. Vantuyt, D. C. Williams.

Class of 1885

LOST—M. Anthony, L. I. Baldwin, W. C. Edgett, W. N. Edson, J. H. Fleming, W. H. Heiser, W. E. Hyer, E. L. Kellogg, E. Langston, C. J. Meade, H. D. Peet, J. M. Thatcher, H. W. Wilson, J. K. Wolfe, H. W. Yoder.

C. Graham has moved from New York to 845 Quincy Ave., Scranton, Pa.

Class of 1886

LOST—F. A. Bermudes, C. R. Burnham, F. W. Fink, L. R. Hawley, G. N. Hayward, J. A. Heaton, T. J. Quigney, A. M. Jaggard, C. A. Junken, R. T. Lawther, F. P. Magee, A. F. Moon, R. A. Nagle, L. H. Norton, E. E. Reynolds, F. Robinson, Jr., L. M. Sawyer, J. B. Simon, Jr., O. S. Smith, R. Spaulding, R. G. Stevens.

Theodore Stevens sends us a photo of his newly established consulting office at 50 Lincoln's Inn Fields, London, W.C.2, England. The new quarters are right next door to the Old Curiosity Shop, immortalized by Charles Dickens, a delightfully picturesque location. He writes: "I am now under the shadow of Bush House, within a stone's throw of Aldwych and Kingsway and glad to be of any service to any Lehigh man."

Class of 1887

LOST—W. E. Bates, K. Bryan, J. C. Buckner, A. D. Davidson, C. B. Davis, J. D. Forster, D. J. Gallagher, W. S. Gorman, J. A. Grant, E. R. Hix, J. W. Kittrell, H. Knight, B. M. Marks, R. H. McGrath, J. R. Mitchell, A. M. Mohr, H. W. Shurts, W. E. Stout, J. W. Thomas, E. P. Triana, G. H. Wolle.

Class of 1888

LOST—Ira Ayer, J. R. Crawford, W. F. Dean, C. L. Forsman, W. W. Parker, J. A. Reed, Jr., J. M. Rich, A. J. Tanner, C. W. White, J. A. Williams, S. Yamaguchi.

Charles J. Miller contributed an article on "Unselfishness and the Great Gratification That Comes from Success," to the May 12 issue of the New York Life Insurance Company's house organ. It doesn't mention Lehigh, but the old Lehigh spirit fairly bristles out all over it.

Class of 1889

LOST—H. E. Arnold, L. Cortez, T. F. Cortez, M. Davis, R. C. Duncan, H. H. Egbert, E. M. French, B. I. Gordon, A. F. Grubb, J. S. Kellogg, Jr., J. M. S. Kerlin, G. C. Landis, J. J. Martin, J. H. Martz, D. G. Miller, W. E. Morris, S. E. Packard, F. P. Reynolds, J. B. Wright.

Charles E. Dickerson received the honorary degree of Doctor of Literature from Colgate University in June. Dickerson is Principal of Northfield Seminary.

Class of 1890

LOST—H. W. Harley, R. D. Millholland.

Class of 1892

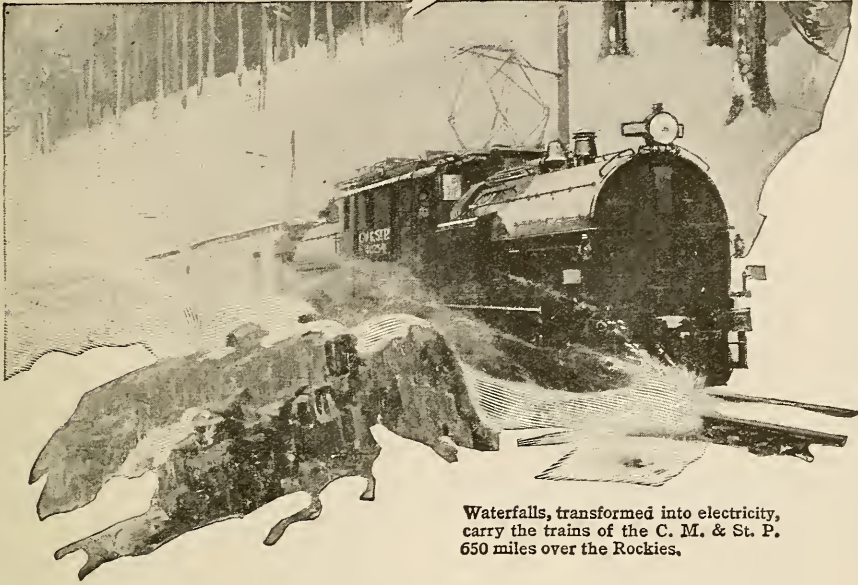
LOST—J. N. Bastress, W. L. Gilmore, R. G. Hubby, C. D. Mather, J. E. McDonald, J. Paret, Jr., E. G. Rust, L. W. Walker, E. Woodcock.

I refuse to worry about '92's, showing in this year's active membership campaign or any other campaign now. Why? Because H. H. Davis has taken the reins in two capable hands and is putting '92 through the paces like the thoroughbred she always was. He got a late start last year but wound up with as pretty a 75% as any class can boast. And now—well, the 1924 campaign is already an old story to '92. Their guarantee committee consists of R. L. Baird, W. W. Blunt, C. M. Case, W. L. Jacoby, R. E. Ozias, S. A. Rhodes, P. H. W. Smith, J. C. Shriver, C. O. Wood and H. H. Davis.

Funny about J. N. Bastress! He's a life member but I don't know where he is and so can't send him the BULLETIN. Any light from anybody?

Class of 1893

LOST—H. J. Atticks, H. C. Banks, E. M. Bond, A. G. Brodhead, G. S. W. Brubaker, E. B. Bylles-



Waterfalls, transformed into electricity, carry the trains of the C. M. & St. P. 650 miles over the Rockies.

And you know what coal costs!



Saving coal is important, but saving human energy is much more important. General Electric Company designs and produces the equipment by which electricity does *both*.

Fifty-one G-E electric locomotives are now doing the same work which 130 coal and oil-burning engines used to do on the 650 mile electrified sections of the Chicago, Milwaukee and St. Paul.

Engineers estimate that the complete electrification of our railroads would save over 100 million tons of coal a year.

GENERAL ELECTRIC

by, H. W. Cake, F. C. Carnaghan, F. P. Farrar, C. W. Gearhart, J. Grant, A. F. Horne, F. K. Jenney, W. J. Long, J. D. Lowry, W. K. Pendleton, A. Pinter, W. O. Polhemus, H. K. Rice, F. C. Richards, F. K. Smith, R. A. L. Snyder, A. Wand, W. J. Weatherly.

G. E. Jimeno has established offices in Cartagena, Colombia, as Consulting National, State and City Engineer. The Colombia Lignum-vitae Company, with which he was formerly connected, has dissolved.

Class of 1894

LOST—E. P. Van Mater.

Class of 1895

LOST—H. W. Beach, W. W. M. Bending, C. F. Boers, W. A. Caldwell, Jr., E. B. Clark, G. B. Dandy, J. N. Dezendorf, J. V. N. Dorr, F. M. Fletcher, A. G. Galan, F. Garcia, A. M. Hay, N. M. Holmes, S. G. Jenks, G. A. Lowe, W. McQueen, Jr., W. A. Merritt, H. R. deOliveira, H. C. Ridgeley, P. Rios, A. M. Ros, J. E. Shero, H. S. Sizer, R. M. Tarleton, G. B. VanBrunt, A. Villareal, W. O. Wade, G. P. Wagner, F. I. Wheeler, R. M. White, H. L. Wood, R. de Wooldridge, C. Yglesias.

Herbert T. Rights is back in Bethlehem, as Assistant to Bridge Engineer of the Lehigh Valley Railroad.

R. S. Taylor recently announced that he has formed a partnership with Charles E. Paxson and Howard V. Fisher and will continue the general practice of the law under the firm name of Taylor, Paxson and Fisher, First National Bank Bldg., Bethlehem.

Class of 1896

LOST—A. B. Carpenter, C. E. Hammond, B. E. Loomis, H. A. Reid, J. D. Richards.

Daniel W. Bliem sends in a new residential address, 4841 Walnut St., Philadelphia, Pa.

Homer A. Reid is with Albert Kahn, Architect, Marquette Bldg., Detroit, Mich.

Class of 1897

LOST—W. D. Brady, A. F. Loomis, E. A. Mercenario, A. R. Sterner, J. E. Weideman.

William K. Dunbar has left Pittsburgh and established himself in the clearer atmosphere of Plainfield, N. J., at 1228 Watching Ave.

Class of 1898

LOST—M. B. Buckman, H. P. Wilbur.

Just on the chance that somebody hasn't heard about it, we give below the officers elected by '98 at their twenty-fifth:

President, H. H. Scovill.

Vice-President, P. Bucher.

Secretary-Treasurer, G. Davies.

Alumni Council Representative, G. Davies.

Junius Ballard is Principal of the Allen Day School, U. S. Indian Service, Bayfield, Colorado.

Class of 1899

LOST—J. H. Klinck, R. S. Landon, J. F. Morgan, J. G. Gandia.

Class of 1900

LOST—M. S. Black, H. L. Bowers, H. B. Chapman, C. A. Emerson, R. M. Freeman, G. L. Freudenberger, F. Giering, A. H. Gill, H. T. Greene, B. S. Hanna, E. F. Harmony, C. E. Maeder, H. I. Magee, W. E. Magie, J. L. Meixell, H. M. Menner, G. R. Morrow, M. Schwerin, W. A. Smith, A. Solarzano, T. A. K. Yasharian, B. VonPhilip.

Class of 1901

LOST—A. C. Savidge.

The following letter from C. E. Barba is printed in full with only one comment. Barba says: "the Class of 1901, of which I was once a member," A man who writes a letter like that will always be a member of his class and one of the 'breed' that makes Lehigh,—what's the use, you'll know what I mean when you read it.

May 22, 1923.

My dear Tom:

I dread the consequence,—after all of these years of silence, or you might call it solitary confinement.

The Class of 1901, of which I was once a member, will never be able to appreciate the love that I cherish for my Alma Mater and the classmates of by-gone-days.

The life of an Engineer, I sometimes think, is lost in oblivion. The struggle for a foot-hold, the marathon of Science and the ever changing activities of modern industry oft times necessitates the life of a recluse as a means of plotting the future.

Thus I emerge, out of the mist of antiquity to relate, for general information, a few of the many problems encountered during the last twenty-two years:

1901-1902—Ordinance Officer, Washington, D.C.

1902-1915—Penna. R. R. Co., Altoona, Pa., Draughtsman, Asst. Chief Draughtsman, Asst. Engr.

1915-1917—Midvale Steel & Ordnance Co., Philadelphia, Pa., Foreman, and Supt. No. 7 Machine Shop.

1917-1921—Watertown Arsenal, Watertown, Mass., Supt. Mobile Carriage Shop, Supt. Sea Coast Department.

1922-1923—Osgood Bradley Car Co., Worcester, Mass., Supt. of Plant.

I was married in 1904, have nine children, six boys and three girls. Eight are going to school, three of them in High, while the eldest and name sake expects to enter Lehigh this fall.

The boy and two of the girls are quite athletic and have carried away many honors in school athletics. We purchased our home in Newton and have managed thus far to keep the wolf from our door step.

It's been quite a struggle and although I may not have been able to contribute thus far to my Alma Mater in times of need, everything I possess, I nevertheless owe to her and for what she stands, a beacon on old South Mountain and a haven of rest.

With best wishes and personal regards to the Class of 1901, I am.

Sincerely yours,

C. E. BARBA.

Class of 1902

LOST—A. G. Bachman, C. G. Dumas, W. L. Fleming, J. E. Hill, R. Leon, G. B. Leroux, J. McVey, C. L. Mill, W. L. Morgan, A. Ramos, J. A. Simons, E. S. Stevens.

Class of 1903

LOST—A. D. Barrett, J. A. Blank, L. L. Daniel, E. W. Earle, A. H. L. Garner, H. S. Hartman, H. W. Haynes, C. J. Hendrickson, R. C. King, G. M. Lewis, J. K. Lilley, J. P. Lobo, A. K. Mackie, J. S. Means, W. R. Mercer, C. G. Owen, F. J. Payne, E. C. Pearson, G. B. Prindle, R. J. Ritter, L. Rivandneira, J. A. Schultz, E. A. de Schweinitz, W. H. Smith, J. L. Talcott, M. H. Thompson, J. H. Traeger, J. L. VanDeMark, W. L. Weiss.

On September 1, 1923, the Glancy Malleable Corporation was incorporated with A. R. Glancy as President. Their plants are in Waukesha and Janesville, Wis. The president's office is in the latter city.

C. F. Carrier, Jr., who has been with the Pure Oil Co., in the Salt and Chemical Division, Belle, W. Va., has organized the Carrier Chemical Co., Charleston, W. Va., of which company he is General Manager. This company is engaged in the development of processes for the manufacture of chemicals and chemical specialties from native raw materials in West Virginia. Dyer Smith, '03, of Ward, Crosby & Smith, New York, has been retained as patent attorney for the company.

Class of 1904

LOST—W. L. Brunner, B. A. Cornwell, M. B. Cory, W. C. Cram, Jr., L. Cuesta, W. R. Ehlers, F. Fletcher, C. J. Fredrice, J. B. Hirst, H. O. Huth, H. M. P. Murphy, H. B. Reed, Jr., W. S. Slifer, H. R. Tracy, J. F. Wagner, R. F. Wunderly.

H. F. Campbell, like most really busy men, finds time to carry his share of activity in worthwhile civic developments, as witness his position as President of the Indianapolis Athletic Club.

Class of 1905

LOST—J. Hemphill, H. O. Koch, H. D. Miller,

	MON.	TUES.	WED.	THURS.	FRI.
7 P.M.		DINNER	K.I.T.		JOE'S.
8 P.M.	DANCE (R.O.)	SHOW		STAG	
9 P.M.			SMOKER		
10 P.M.					
11 P.M.		JOE'S			

Does your P.M. schedule read like this?

If your burning ambition is to excel as an all-around society man, you couldn't have planned your evenings better. Such persistence will win out over the indolence of the rank and file, for as the poet says,

"The heights by great men reached and kept
Were not attained by sudden flight,
But they while their companions slept
Were toiling upward in the night."



But if you intend to make your mark in engineering or business, don't expect that supremacy on the waxed floor will help when you start hunting a job.

Not that you need swing to the other extreme as a "grind" or a hermit. Let's concede it is all right to minor in sociabilities—but certainly it is only common sense to major in the math and sciences and English that will mean bread and butter to you later on.

Remember this—the harder you work right now in getting a grip on fundamentals, the easier things will come to you when you must solve still bigger problems. And if you take it easy now—well, look out for the law of compensation.


It's up to you. While you've got the chance, seize it, dig in, pluck hard. It will pay—in cold cash.

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the interest of Elec-
trical Development by
Institution that will
be helped by what-
ever helps the
Industry.

Western Electric Company

*Two years ago this advertisement appeared in the Western Electric college paper series. It received so much friendly comment from your faculty and alumni, including some graduates who have since entered our business, that we now reprint it—as a suggestion in this busy month of schedules.

Complete Service
in Design & Construction



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INCORPORATED
ENGINEERS AND CONSTRUCTORS
NEW YORK

CHICAGO YOUNGSTOWN LOS ANGELES MONTREAL RIO DE JANEIRO

**THE
NATIONAL
LOCK WASHER
COMPANY**



Largest and Oldest Manufacturers
of Spring Washers
in the World

NEWARK, NEW JERSEY, U.S.A.

C. H. Loutrel
Yale '07

J. Howard Horn
Princeton '07

J. D. Cowan
Princeton '08

R. F. Golden
GeorgiaTech '11

F. J. Gerhard
Lehigh '13

W. W. Holden
Yale '22

R. G. Moody, H. L. Pentz, J. W. Reed.

H. T. Stearns has left Rahway, N. J., and gives his new address as 424 S. Franklin St., Wilkes-Barre, Pa.

Class of 1906

LOST—H. H. Bannister, A. W. Cupitt, C. R. Geddes, H. R. Geyer, J. B. Rieger, W. H. Roberts, Jr., M. W. Singer, H. R. Stocker, E. M. Taussig, P. H. Torrey.

F. A. Henry is stationed at the American Consulate General, at Barcelona, Spain.

Class of 1907

LOST—H. P. Dyson, F. G. Fear, I. J. Freedman, M. J. Greenough, F. E. Hayes, Jr., R. A. Hooke, F. G. Hurst, G. L. Spratley, J. S. Stanford, W. C. Willard, A. W. Lawson, J. G. Loose, J. E. McDevitt, H. J. Pretchel.

Class of 1908

LOST—E. Beato, E. C. Fetter, H. K. Hartsuff, G. H. Hoppin, L. W. Janeway, J. J. Komara, F. J. Kraemer, H. N. Lloyd, W. F. Mackie, F. R. McDonnell, R. J. Motz, E. W. Peters, C. H. Reel, F. J. Schumann, L. M. Stamilman, D. H. Torrey, W. H. Walters.

Class of 1909

LOST—G. O. Bason, W. W. Boyd, W. T. Broad, H. S. Cannell, Jr., J. M. Conklin, S. L. Cunningham, H. F. Dech, R. D. T. Dowling, J. B. Drake, A. H. Durns, W. A. Earnshaw, C. M. Eckert, E. R. Elwood, H. G. Eynon, W. G. Fluharty, H. M. S. Focht, K. C. Fraser, J. B. Fretz, J. R. Geno, C. N. Glover, P. Gordon, P. W. Havenstein, J. C. Heilman, W. L. Himes, J. F. Hollister, F. S. Kirk, J. L. Kuschke, G. R. Logan, H. Lobb, J. B. Luckie, G. H. Lyne, F. R. Mueller, A. J. McMurtrie, W. O. Nagle, W. H. Phillippi, P. E. Ricksecker, J. T. Ridgely, F. F. Robertson, C. Saenz, E. Saenz, C. B. Sauber, H. H. Schimpf, E. C. Schmertz, H. M. Shoemaker, A. P. Sill, H. C. Simmins, W. A. Smith, L. J. Valerio, R. Valerio, H. L. Watson, T. Williams.

Almost enough to rank as a lost tribe! However, it only means that '09 is determined to bring every man back to the ranks and would rather carry them as "lost" than drop them. Surely somebody knows something about some of them.

Here's one from J. Ross Corbin to Dave Petty that deserves publicity. Ross will be running Pollyanna out of business pretty soon!

Dear Dave:

Everybody's lucky!

Friend wife is down at the Shore. She's lucky. The Kiddies are with their very wonderful mother. They're lucky.

I have five dollars and thirty-three cents in my pocket. Your undated letter came this morning.

Here's my five. You're lucky.

I'll spend 30 cents for lunch, 3 cents for a newspaper, and once more be square with the world. I'm lucky.

You fellows are just like us—you're *peculiar*! If I were to write you asking that you take some action to make your legislators legislate, you'd probably write back: "Wattell's it all about?"

So after sending you my five I hope you'll pardon my curiosity—but, "Wattell's it all about?"

J. ROSS CORBIN, '09.

P.S.—If the legislature doesn't soon legislate proper legislation I'm going to find out how badly the Bethlehem Steel Corporation need common (damned common) labor. J. R. C.

Carl Mitman is the author of a pamphlet on "Some Practical Aspects of Fuel Economy" which was published June 2, 1923, by the U. S. National Museum. Carl runs the Division of Mineral and Mechanical Technology there, you know.

Jacob F. Zouck has severed connections with George A. Fuller Co., of New York, and tied up with Starrett Brothers, 101 Park Ave.

Class of 1910

LOST—G. C. Bakewell, G. E. Carver, G. H. Crocker, W. T. Dobson, Jr., W. J. Donkel, C. L. Downs, C. Gonzales, W. E. Henry, H. R. Jacob, H. G. Livesay, C. W. Martin, E. A. Merriman,

A. A. Parker, R. E. Rickert, Chas. Shoemaker, B. G. Shotton, H. A. Wintermute.

Frank C. Gilligan has moved from Pittsburgh to 932 Haddon Ave., Collingswood, N. J.

Warren C. Van Blarcom recently resigned from the Hudson Coal Co., and is now with Jones & Laughlin Steel Co., at Woodlawn, Pa. As the Woodlawn plant is quite an establishment, better address mail to his home at 104 William St.

Class of 1911

LOST—G. Butz, C. H. Chapin, J. Fisher, G. D. Gladding, C. W. Hasek, T. C. Kraemer, P. N. Lopez, C. A. Pierle, A. Priestly, L. R. P. Reese, J. W. Tremlett, C. C. Thornburg, R. V. Whitman, N. I. Wu, C. C. Walters.

C. B. Bishop has moved from Harrisburg to Los Angeles, Cal., where he is with the Bureau of Power and Light. Address 953 Menlo Ave.

John Griffen announces the removal of his business headquarters from Scranton to Wilkes-Barre. You'll find him in Room 536, Miners' Bank Building.

L. W. Smith has an address on the records after being lost for twelve years. He is with the Pennsylvania Railroad and lives at 1307 Fourteenth Ave., Altoona, Pa.

Class of 1912

LOST—C. C. Berner, L. S. Besson, R. T. Brumbaugh, H. A. Camp, M. T. Coakley, M. E. Coston, D. Davies, W. B. Einstein, H. H. Esbach, C. T. Franklin, R. C. Fuller, W. F. Hadsall, W. K. Hancock, H. J. Horn, J. B. Hurst, W. K. Kaufman, R. D. King, F. C. Kline, J. H. Love, J. T. Martin, J. H. Miller, R. V. Parker, J. S. Pfeil, H. M. Rapp, G. A. Saeger, P. E. Sanchez, W. T. Smith, C. E. Snyder, W. H. Stone, W. J. Strieby, M. R. Sutherland, Y. Ralph Sun, B. M. Thompson, W. H. Turpin, C. T. VonKonecky, W. H. Waddington, C. E. Wagner, W. W. Weber, P. A. Witherpoon, G. O. Zehner, H. L. Cooper.

Evan W. Walters has just left the Scranton Electric Construction Co. to go with the Tilt Silk Co., of Pottsville, Pa.

Class of 1913

LOST—F. H. Baker, M. B. Bates, Jr., E. O. Bickel, D. Bowman, F. W. Brown, Jr., L. T. Carpenter, K. W. Chun, J. L. Conner, G. M. Cresswell, J. R. Curtis, J. Y. Dang, M. Diaz, R. Drant, T. L. Dunn, J. I. Fogg, I. F. Fuhrmann, R. S. Funk, A. B. Gorman, A. B. Gutman, A. K. Hegeman, L. D. Hess, G. C. Hill, A. S. Horcasitas, W. E. Horlacher, F. W. Janeway, Jr., R. S. Krause, S. R. Kuech, H. W. Lamb, D. H. Levan, R. W. Lockwood, C. C. Messenger, A. E. Moore, J. C. Pelly, J. O. Putnam, J. K. Riegel, J. C. Robell, M. M. Shaw, G. S. Simpson, W. S. Slack, J. L. Smith, F. W. Smith, A. M. Stewart, C. R. Streets, C. W. Van Nort, F. W. Wright, E. A. Wampole.

"Ez" Bowen spent the summer touring Europe and very kindly dropped an occasional card on the way. On the back of one from Bern, where he ought to have been absorbing culture or lager beer or whatever it is they specialize in there, he "wonders how the football team is shaping up." Sic Semper Lehigh.

H. R. Cox volunteers a new address, 101 Goemba Ave., Buffalo, N. Y.

Roy F. Fahl advises us not to write to him at Baltimore any more, but to address him at 417 N. Third St., Jeanette, Pa.

W. C. Fry is Assistant Engineer with the New Jersey State Highway Commission, with offices at 15 Park Row, New York City.

Francis J. Gerhard has recently been appointed Manager of the Forge Dept., The National Lock Washer Co., Newark, N. J. They are greatly enlarging their forging capacity and can adequately handle large quantities of small drop forgings. When in the market don't forget "Smoky, Jr."

W. N. Gambrill has left Detroit and gone to Ellicott, Md.

Lewis H. Koch is with the Austin Co., Industrial Engineers, in Philadelphia.

Joseph I. Lyon lives at 346 E. Queen St., Chambersburg, Pa.



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Class of 1914

LOST—P. R. Charnock, L. L. Lacombe, M. H. Merwin, R. E. Mickel, J. E. Murphy, A. N. Rosenbaum, H. C. Wang, M. Y. Loo.

F. W. Binzen sends in a new address which seems to indicate a new job, but that's just a guess. Anyway, it's 43 Leonard St., New York City.

T. T. Johnson writes from 1324 North Ave., Elizabeth, N. J., apologizing for not paying his dues before. He says:

The object of this story is to congratulate the class, through you, for having the best bunch of workers who don't take no for an answer (no matter what the reason) I ever hope to come across. They have the same spirit that old Lehigh had on March Field last fall.

I want to add that it affected me so much that this four bucks comes out of my first weeks pay, and it's not the only debt I seem to have either.

If you see any of the heavy workers for 1914 on this thing won't you kindly pass on a bit of my sentiment, because I know they think I have been kidding and am a damn Scotchman.

Don't forget to keep on with the BULLETIN.

Yours truly,

T. T. JOHNSON, JR.

E. E. Saunders has given up dentistry and gone with the Mutual Life Insurance Co. of New York. He is tickled to death with his job.

Walter Schremple is getting primed for this

year's membership campaign. That wonderful showing '14 made on the chart is largely due to this live wire.

Class of 1915

LOST—F. R. Abbott, J. F. Chatfield, L. Y. Chow, A. F. Ennis, S. Fischer, C. W. Francis, O. E. Hager, E. C. Higgins, Jr., L. R. Hussa, S. Z. Kaung, G. V. McGurl, H. H. Stuart, C. H. Snyder, H. C. Steele, G. L. Schmultz, R. H. Whitney, C. Wong, L. A. Wright.

J. E. Nicholas has left Baltimore and is living at 410 E. Danial St., Champaign, Ill.

R. K. Read has returned to Bethlehem to work for the Steel Company.

L. V. R. Townsend has gone south for the winter, leaving Negaunee, Mich., for the balmy atmosphere of Tampa, Fla.

R. C. Wickersham has connected with the Pacific Gasoline Co., at Taft, Cal.

Class of 1916

LOST—M. O. Andrews, G. S. Borden, W. C. Cahall, J. B. Hill, C. J. Hunt, E. L. Kirkhuff, L. H. Lancaster, D. Markle, M. P. McNair, C. O. Spitzer, C. H. Thomas, J. M. S. Waller, W. Wright, J. A. Wyler.

"Ned" Clement favors me with a "clipping" from the *Daily Times* of June 7, 1926, (not a misprint) which gives a "mild" account of 16's tenth reunion, which apparently broke all records for Lehigh home comings. This "clipping" was Bulletin No. 4, so that '16 evidently has the distinction of a class organ as well as the advantage of a three-year start for that party in 1926.

John A. Snyder, formerly Superintendent of Operation, Homewood Plant, Penna. Power & Light Co., has been promoted and is now Superintendent of the Williamsport Division of this Company.

A. T. Bragonier has moved from Pittsburgh to Cleveland. Address is 3885 West 36th St.

"Bill" Hartman is in the heat-treating department of the Union Tool Co., in Torrance, Cal. He lives at 616 S. Catalina Ave., Redonda Beach, and says: "I sure do like it out here. I am already one of California's boosters."

C. S. Hill has left the Remington Arms Co., and is now living at 434 Edgewood Ave., New Haven, Conn.

"Herb" Leslie is living in Scotch Plains, N. Y. (Mountain Ave.)

P. S. Mack is with the General Electric Co., in Washington.

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The Disadvantages of Poor Lighting

As thousands of our industrial plants are operating today with poor lighting and in some cases with extremely bad facilities, it would seem that the importance of the subject of lighting has not been given the serious consideration by those responsible for such conditions.

Poor lighting is one of the most serious handicaps under which a manufacturing establishment can operate. First of all, poor lighting is the cause of a large number of accidents in industrial plants; and is it singular that accident reports do not yet properly classify the hazards of poor lighting, which in many cases is the primary cause of an accident attributed to what is really a secondary cause. Safety engineers and other officials who make accident reports should always consider the conditions of the lighting when working up report of accident causes, for it plays an important part in a great many casualties and it apt to be overlooked. All accidents due to poor lighting are accidents of neglect, and are preventable. The poor lighting accident hazard is clearly chargeable to management and not men. It is a difficult matter to make such progress with Safety First in a plant which has neglected to provide one of the fundamental requirements of accident prevention—good lighting.

Probably no one single factor connected with the equipment of a plant so directly affects the efficiency and inefficiency as the quality and quantity of the lighting. The curtailment of production of all working under the disadvantage of poor lighting represents a big loss each day; the poorer the lighting the less able is the working force to function efficiently. Quality and quantity both suffer, representing a preventable loss wholly removable by improving the lighting.

Under poor lighting conditions, we cannot expect and rarely do we find an orderly, clean factory. Darkened places encourages careless habits and workers are often led to deposit discarded articles or materials which should be deposited elsewhere. The eyesight of those who attempt to use their eyes continually in insufficient light, below nature's demands, is often affected. Too much light, such as is furnished by bright, unprotected lights, is as harmful as too little illumination; both are fundamentally wrong. Nature's own illuminant, daylight, is unequalled for our requirements of lighting.

The eye is best suited to daylight in the proper quantity. Sun glare should be avoided, and in the darkened hours proper artificial illumination provided. Daylight should be utilized to the fullest extent. It is supplied free in abundant quantity for our use. Modern invention has supplied a means whereby the interior of buildings can be lighted by daylight, and all the advantages secured which is furnished by good lighting at the smallest cost.

Industrial buildings should have as much wall space as possible devoted to windows fitted with Factrolite Glass, which insures the maximum amount of daylight and which prevents the direct rays of the sun from passing through as it properly diffuses the light.

If you are interested in the distribution of light through Factrolite, we will send you a copy of Laboratory Report—"Factrolited."

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St. Louis.

New York.

Chicago.

Clifford W. Shaw is Assistant Patent Attorney for the Westinghouse Electric and Manufacturing Co., East Pittsburgh, Pa.

"Hal" White is with the Southern Manganese Corporation in Anniston, Ala.

Class of 1917

LOST—C. I. Anderson, S. T. Edwards, T. deF. Gororos, C. Graham, Jr., C. T. Halpin, P. S. Hanway, J. R. Lee, R. L. Mohr, J. A. Morrison, L. G. O'Brien, J. F. Rawle, E. B. See.

"Dutch" Knoss has taken a job (or is it a position, Dutch?) with the American Cyanamid Co., and lives at Linden, N. J.

V. B. Pike (See marriages for that 100% Lehigh ceremony) is Telephone Engineer with the Bell Co., in Philadelphia. He and his bride have started housekeeping at 7213 Oak Ave., Oak Lane, Pa.

W. K. Wilson has left the Union Carbide Co., and gives 9 Douglass Road, Glen Ridge, N. J., as his new address.

Class of 1918

Trust "Buck" to spring something unusual. This time he tries some "second childhood" stuff and goes down with scarlet fever. He's well over it now and will be O.K. if I can keep him away from whooping cough.

John Constine gives us a treat in the shape of a letter every now and then. If the retail china business ever goes flooie, all John will have to do will be to take a job as columnist for one of the metropolitan papers.

H. J. Phillips, Jr., has left the Remington Typewriter Co., and is with H. W. Phillips & Co., Woodward Bldg., Washington, D. C.

Bill Tizzard is working on a newspaper in Long Beach, Cal.

E. H. Zollinger sends a new address—236 Warrington Ave., Pittsburgh, Pa.

Class of 1919

LOST—J. H. Benner, T. L. Bigelow, C. L. Blodgett, H. Bothe, W. Coombes, R. L. Cutler, C. A. Fegley, I. Keith, J. J. Lord, L. D. Lytle, C. D.

Mertz, P. L. Messersmith, C. W. Pearson, W. S. Schultz, T. S. Sun, Y. L. Tseng, E. P. Twombly.

Lick Schubert writes from Rancagua, Chile, that he's "sitting on top of the world" and after two months can "sling the lingo" so as to make the natives weep.

Class of 1920

LOST—L. Arnreimer, A. W. Bryan, J. L. Clark, R. Clarke, 2nd, F. Cooper, G. DeCroce, F. R. DeGarmo, R. F. Dimmick, R. C. Erb, W. K. Larison, L. W. Lazier, I. T. Lee, W. A. Lott, K. I. Koon, P. A. Roberts, M. D. Rodgers, R. C. Rowland, T. P. Sargent, L. G. Schlock, T. F. Straub, J. S. Thompson, C. L. Turano, P. M. Young, Yen Chun-Tai.

H. S. Bunn has moved to 334 Harvard St., Cambridge, Mass.

Albert Walton, Jr., is with the General Electric Co., at Pittsfield, Mass.

Class of 1921

LOST—A. Fleischer, E. C. Gott, Jr., D. D. Schulz, C. M. Stout, P. F. Weiss.

Robert D. Blake (and the rest of his Lehigh roomies) has broken up housekeeping at Phoenix, Ariz., and followed Bill Tizzard, '18, to Long Beach, Cal.

Lou Dorkin expects to get his L.L.B. from N. Y. U. this fall.

E. B. Hyus has left D. P. Robinson & Co., New York, and is now with the Philadelphia Electric Co., at 23rd and Market, Philadelphia.

William M. Hall, Jr., seems to have come through with the first true claim for the class cup. William McLaurine Hall, III, was born on October 20, 1922, and has asked to be awarded the cup, promising to bring it back to Lehigh in 1940. Unless somebody who graduated with '21 became the father of a boy before little Bill appeared on the scene, the cup will wind up in Whiting, Indiana, where "Papa" is with the Sinclair Refining Co.

Class of 1922

LOST—H. Frankel, E. Gonzales, J. S. Hocker,

READ!

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The organization and operating personnel of each of the former companies will be retained and the new company will solicit railroad and general building construction.

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C. A. Jacoby, H. W. Morgan, R. H. Potts, P. O. Roberts, R. S. Tomlinson, H. J. Vogt.

Lee G. Barthold has come back to work for the Bethlehem Steel. He is living at 636 Main St.

L. H. Hoelzie is with the Carlson Institute, Madison and Bryan Sts., Youngstown, Ohio.

C. L. Knoderer is working for the American Telephone and Telegraph Co., in the Bourse Building, Philadelphia.

C. P. Richardson has left the Western Electric Co., and lives at 1041 South St., Pottstown, Pa.

Class of 1923

R. W. Adams is located with the Jeffrey Manufacturing Co., Columbus, Ohio. Residence, care of Y. M. C. A.

T. H. Asbury is with the Enterprise Manufacturing Co., 3rd and Dauphin Sts., Philadelphia, Pa.

J. K. Barrall is teaching in the Ridley Park High School, Ridley Park, Pa.

R. W. Barrell, F. E. Barber and L. H. Van Billiard are engaged in the Students Training Course of the General Electric Co., of Schenectady, N. Y.

R. P. Brotzman is located at 722 Preston St., Philadelphia, Pa.

F. S. Cornell is Sales Engineer, Mitchell-Tappen Co., 15 John St., New York City.

A. C. Cusick is a looper at the Bethlehem Steel Co., Bethlehem, Pa. Residence, University Club.

J. H. Darsie is in the Blast Furnace Department of the National Tube Co., at McKeesport, Pa. Residence, 306 8th Ave., W. Homestead, Pa.

E. J. Decker is an Engineer with the Hazle Brook Coal Co., Hazleton, Pa.

F. H. DeMoyer is in the Division Engineer's Office of the P. R. R., at Chambersburg, Pa. Residence, 64 South Second St.

F. E. Ferguson, Jr., is a student engineer with the Bell Telephone Co. of Pa., at 261 N. Broad St., Philadelphia, Pa.

C. F. Forstall is working for the Pennsylvania Railroad and living at 110 Irving St., Rahway, N. J.

J. W. Gardy is now living at 388 Maple Ave., Doylestown, Pa.

H. W. Gentzlinger is with The Texas Co., 441 Nashville St., Port Arthur, Texas.

R. A. Hales is now with The Armour Soap Works, 1355 W. 31st St., Chicago, Ill.

E. C. Handwerk is with the Jersey Zinc Co., Palmerton, Pa., as Assistant Field Research Engineer.

D. B. Hobbs is with the Aluminum Company of America, in Cleveland, Ohio.

L. J. Jacobson is a designing draftsman with Mees & Mees, Kinney Bldg., Charlotte, N. C.

C. G. Knodel is with the Bethlehem Steel Co., Bethlehem, Pa.

I. F. Kurtz is with the McClintic-Marshall Construction Co., Pottstown, Pa.

J. F. Lennon is Secretary-Sales Manager, Flynn-Lennon Wall Paper Co., Joliet, Ill. Residence, 414 Western Ave.

J. F. Moyer is now with the McClintic-Marshall Co., Carnegie, Pa. Residence, 12 Johnson St., Crafton, Pa.

J. H. Opdycke, on October first, went to work in Providence, R. I. Residence, Phi Gamma Delta House, Providence, R. I.

T. O. Peterson is a chemist with the Atlantic Refining Company, 32nd and Passayunk Ave., Philadelphia, Pa.

R. G. Pfahler is a mine draftsman with the Lehigh Coal & Navigation Co., Lansford, Pa. Residence, Old Company Club.

A. L. Sieman is located with Hazen & Whipple, 23 W. 43rd St., New York City. Residence, 283 11th St., Brooklyn, N. Y.

H. Spindler is Production Manager, Spindler & Deringer, 243 Mercer St., Jersey City, N. J.

H. F. Underwood is Assistant Superintendent, New Amsterdam Gas Co., Webster and Vernon Ave., Long Island City, N. Y.

E. N. Wigfall, Jr., is living at 918 Pine St., Philadelphia, Pa.

T. O. Wohlsen is in the general construction business at 551 Woolworth Bldg., Lancaster, Pa.

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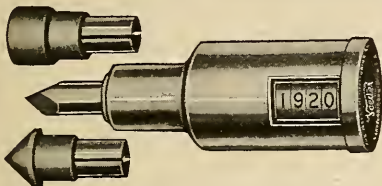
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The No. 21 Speed Counter shown at left registers number of revolutions (per minute) of a motor, engine, dynamo, line shafting, machine spindle or any revolving part. The point is held against the end of the revolving shaft; the instrument pressed lightly when count is commenced; pressure released when the timing is over. Push-clutch starts or stops recording mechanism instantly, giving exact R. P. M. readings without use of stop-watch. Price, \$3.50

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SALES MANAGER, W. C. JACKSON, '10

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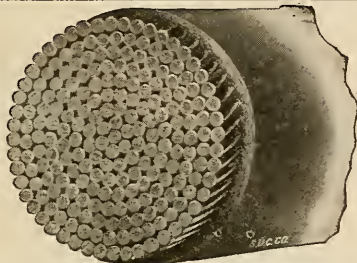
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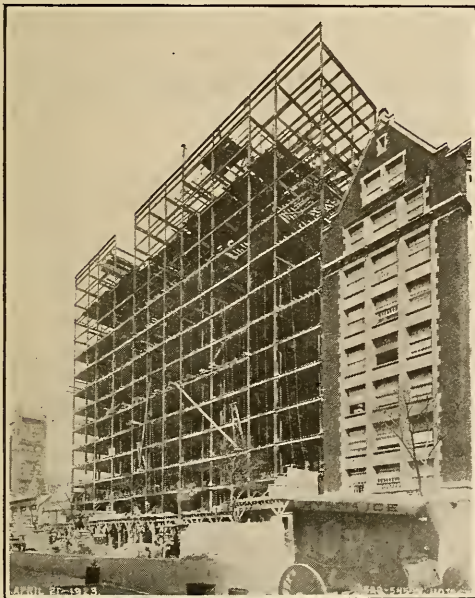
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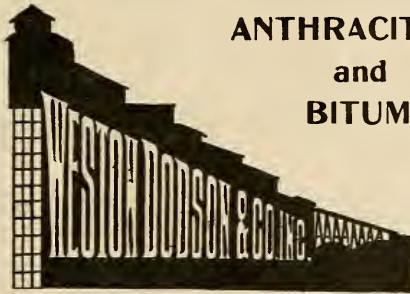
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